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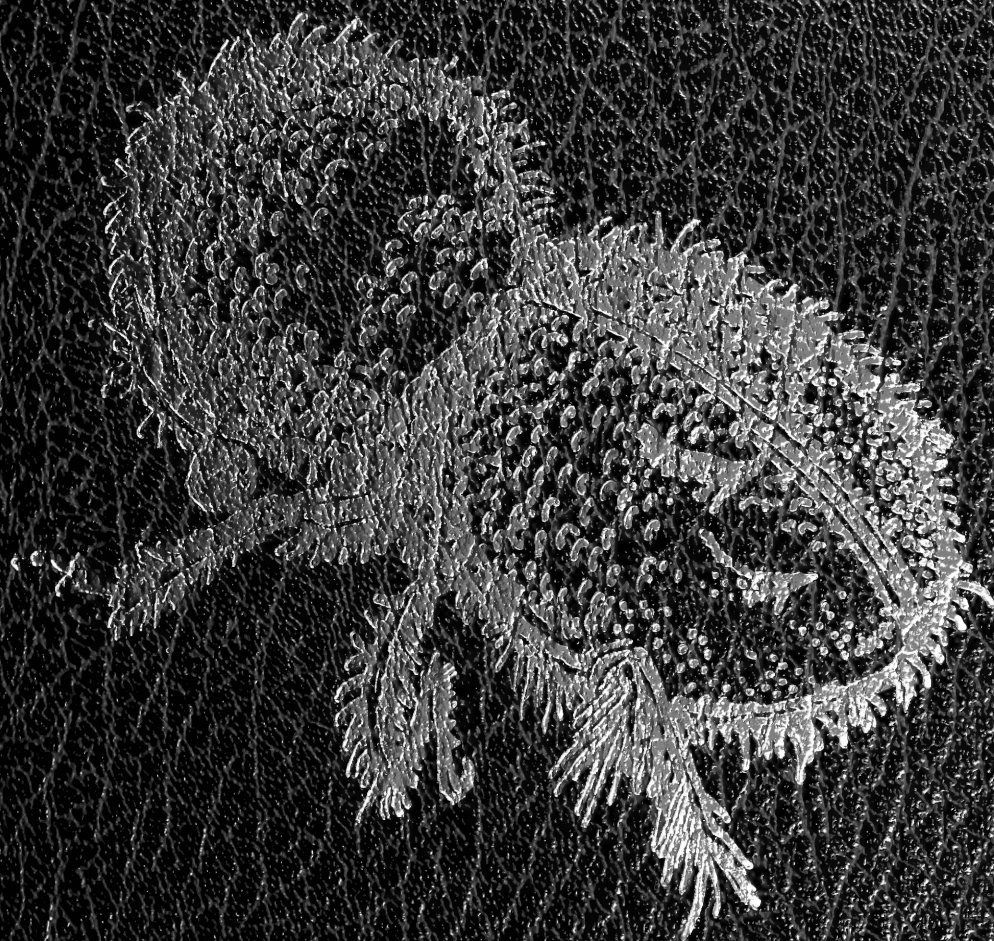
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1992



A Catalog of Scolytidae and Platypodidae (Coleoptera), Part 2: Taxonomic Index Volume B



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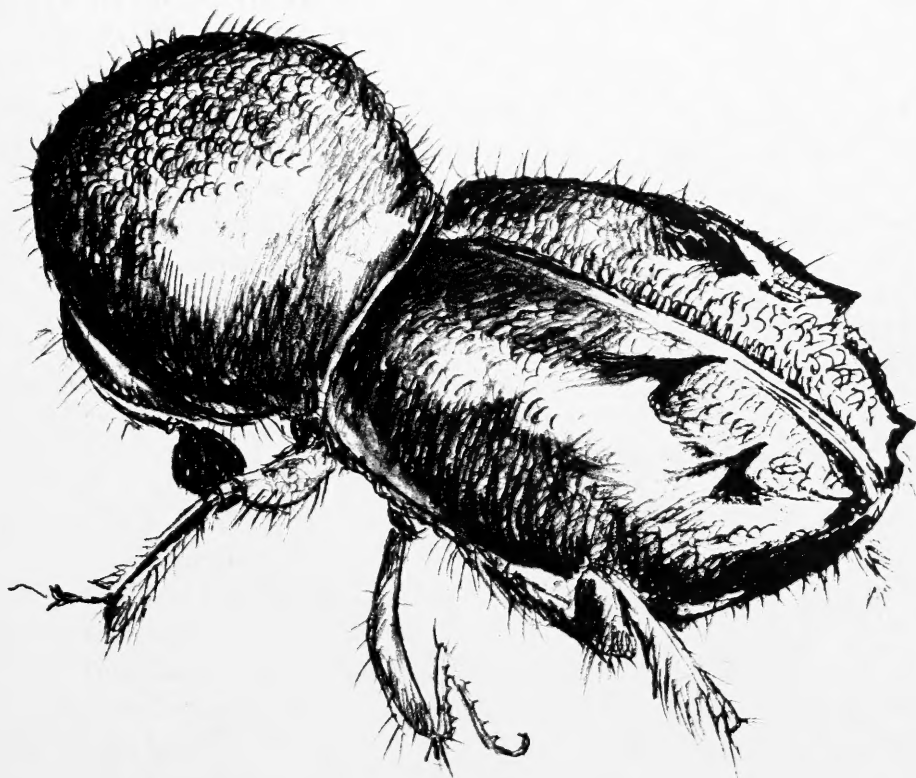
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Tribe Xyloctonini Eichhoff

Xyloctonidae

References: Eichhoff 1878b: 171.

Xyloctoninae

References: Hopkins 1915c: 224.

Xyloctonini

References: Wood, S. L. 1978a: 114, 1982b: 63, 1986a: 84–85.

Genus *Cryphalomimus* Eggers

CRYPHALOMIMUS EGGER 1927a: 174. Type-species:

Cryphalomimus striatus Eggers, monobasic.

References: (ay) Nobuchi 1969a: 55. (hb) Wood, S. L. 1986a: 85. (ds) Wood, S. L. 1986a: 85. (tx) Eggers 1927a: 174, 1932c: 23; Schedl 1939i: 379, 1961k: 441; Wood, S. L. 1986a: 85.

ater Nunberg 1952: 23. Holotype, sex?; Repub. of the Congo: Garamba Nat. Park; Inst. Parcs Nationaux du Congo Collection.

Distribution: Africa (Zaire).

References: (ds) Nunberg 1952: 23. (tx) Nunberg 1952: 23, 1965b: pl. 1.

grandis Schedl 1971e: 10. Holotype, sex?; Ehemaliger Kongo Belge, Yangambi; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

References: (tx) Schedl 1971e: 10, 1979c: 108.

striatus Eggers 1927a: 174. Holotype, sex?; Ost-Africa (Muansa); Methner Collection.

Distribution: Africa (Tanzania/ Zaire).

References: (ds) Schedl 1961k: 442. (tx) Eggers 1927a: 174; Schedl 1939i: 379, 1961k: 442.

Genus *Glostatus* Schedl

GLOSTATUS SCHEDL 1939i: 386. Type-species: *Glostatus declividepressus* Schedl, monobasic.

Ctonocryphus Schedl 1941d: 398. Type-species:

Ctonocryphus xyloctonus Schedl, monobasic.

Synonymy: Wood 1986: 85.

References: (tx) Schedl 1941d: 398, 1957e: 865–883, 1961k: 638.

Apoglostatus Schedl 1957b: 155. Type-species: *Apoglostatus acaciae* Schedl, monobasic. Synonymy: Schedl 1964m: 305.

References: (tx) Schedl 1957b: 155, 1961k: 642, 1964m: 305.

Paraglostatus Schedl 1964m: 304. Type-species: *Ctonocryphus nigricevisti* Schedl, original designation. Synonymy: Wood 1984b: 225.

References: (tx) Schedl 1964m: 304; Wood, S. L. 1984b: 225.

Rhopalocryphus Nunberg 1967: 320. Type-species: *Rhopalocryphus seydeli* Nunberg, monobasic. Synonymy: Schedl 1980d: 117.

References: (tx) Nunberg 1967: 320; Schedl 1980d: 117.

References: (hb) Wood, S. L. 1986a: 85. (ds) Wood, S. L. 1986a: 85. (tx) Schedl 1939i: 386,

1957b: 155, 1958a: 557–560, 1961k: 638–639, 1964m: 305; Wood, S. L. 1986a: 85.

acaciae (Schedl) 1957b: 155 (*Apoglostatus*). Holotype, sex?; Muguga, Kenya, and Londiani, Kenya; BMNH, London.

Distribution: Africa (Kenya/ Tanzania).

Hosts: *Acacia decurrens*, A. sp., *Ficus* sp.,

Juniperus procera, *Maba* sp., *Rhus* sp.

Notes: (1) Schedl 1964m: 305 (to *Glostatus*).

References: (ds) Gardner 1957: 30; Schedl 1961k: 642. (tx) Schedl 1957b: 150, 155, 1961k: 642–643, 1964m: 305, 1979c: 9.

assimilis Schedl 1957e: 871. Holotype, sex?; Kenya, Jilore; BMNH, London.

Distribution: Africa (Kenya).

References: (ds) Browne 1973a: 279; Schedl 1961k: 640. (tx) Powell, W. 1980: 29; Schedl 1957e: 871, 1958a: 558, 1959q: 705, 1961k: 640, 1979c: 29.

bispinosus Beaver 1985: 77. Holotype ♂; Zambia: Kitwe, Chati; BMNH, London.

Distribution: Africa (Zambia).

References: (hb) Loytyniemi, Beaver, & Loytyniemi 1984. (tx) Beaver 1985: 77.

carinifer Schedl 1957e: 871. Holotype, sex?; Tanganyika, Lushoto; BMNH, London.

Distribution: Africa (Tanzania).

Hosts: *Gologolo* sp., *Syzygium* sp.

References: (ds) Schedl 1961k: 640. (tx) Schedl 1957e: 871, 1961k: 640.

declividepressus Schedl 1939i: 386. Holotype, sex?; Usambara, Ost-Afrika; Schedl Collection in NHMW, Wien.

Distribution: Africa (Kenya/ Tanzania).

References: (tx) Schedl 1939i: 386, 1957b: 154, 1961k: 641, 1979c: 76.

delicatus (Schedl) 1962k: 1072 (*Paraglostatus*). Holotype, sex?; Zululand; Eshowe; Schedl Collection in NHMW, Wien.

Distribution: Africa (South Africa).

References: (ds) Schedl 1962k: 1072, 1965h: 111, 1975k: 277.

gracilior (Schedl) 1957e: 872 (*Apoglostatus*). Holotype, sex?; Shagai, Tanganyika; BMNH, London.

Distribution: Africa (Tanzania).

Notes: (1) Schedl 1964m: 305 (to *Glostatus*).

References: (tx) Schedl 1957e: 872, 1961k: 644, 1964m: 305, 1979c: 107.

hirsutus Schedl 1962k: 1070. Holotype, sex?; D.O.A.: Usambara; Schedl Collection in NHMW, Wien.

Distribution: Africa (Kenya).

References: (tx) Schedl 1962k: 1070, 1979c: 117.

kenyae Schedl 1957b: 154. Lectotype, sex?; Kenya, Forest de Nairobi, 1700 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 132.

Distribution: Africa (Kenya).

References: (tx) Schedl 1957b: 150, 154, 1957e: 871, 1961k: 641, 1979c: 131–132.

leprosus Browne 1973a: 290. Holotype ♀; Nigeria: Adamawa, Gangoro Forest Reserve at 4000 feet; MRCB, Tervuren.

Distribution: Africa (Nigeria/ Zaire).

References: (tx) Browne 1973a: 290.

multispinosus (Schedl) 1957e: 873 (*Ctonocryphus*). Holotype, sex?; Kenya, Kilifi; BMNH, London.

Distribution: Africa (Kenya/ Zambia).

Hosts: *Julbernardia paniculata*.

Notes: (1) Schedl 1964m: 305 (to *Glostatus*).

References: (hb) Loyttyniemi, Beaver, & Loyttyniemi 1984. (ds) Beaver & Loyttyniemi 1985a: 78.

(tx) Schedl 1957e: 873, 1961k: 638, 1964m: 305, 1979c: 161.

nigrivestis (Schedl) 1957e: 873 (*Ctonocryphus*). Holotype, sex?; Tanganyika, Ngorogoro; BMNH, London.

Distribution: Africa (Tanzania).

Notes: (1) Schedl 1964m: 305 (to *Paraglostatus*, =*Glostatus*).

References: (tx) Schedl 1957e: 873, 1961k: 638, 1964m: 305, 1979c: 167–168.

perplexus Schedl 1982: 281. Holotype, sex?; Cape Province, South Africa; Schedl Collection in NHMW, Wien.

Distribution: Africa (South Africa).

References: (tx) Schedl 1982: 281.

pondoanus Schedl 1958a: 558. Holotype, sex?; South Africa: Pondoland, Port St. John; BMNH, London.

Distribution: Africa (South Africa).

References: (tx) Schedl 1958a: 558, 1961k: 642, 1979c: 197.

seydeli (Nunberg) 1967b: 321 (*Rhopalocryphus*). Holotype, sex?; Elisabethville, Congo; MRCB, Tervuren.

Distribution: Africa (Zaire/ Zambia).

Hosts: *Brachystegia utilis*.

Notes: (1) Wood 1986a: 85 (to *Glostatus*).

References: (hb) Loyttyniemi, Beaver, & Loyttyniemi 1984. (ds) Beaver & Loyttyniemi 1985a: 76. (tx) Nunberg 1967a: 336–337, 1967b: 321; Wood, S. L. 1986a: 85.

spinicarinatus Beaver in Beaver & Loyttyniemi 1985a: 78. Holotype ♂; Zambia: Chati, Kitwe; BMNH, London.

Distribution: Africa (Zaire).

References: (hb) Loyttyniemi, Beaver, & Loyttyniemi 1984. (tx) Beaver & Loyttyniemi 1985a: 78.

squamosus Schedl 1962k: 1071. Holotype, sex?; Natal; Schedl Collection in NHMW, Wien.

Distribution: Africa (South Africa).

References: (ds) Schedl 1965h: 111, 1969d: 5. (tx) Schedl 1962k: 1071, 1979c: 236.

vrydaghi (Nunberg) 1973: 10 (*Apoglostatus*). Holotype, sex?; north Ruwenzora, Kalonge, Zaire; MRCB, Tervuren.

Distribution: Africa (Zaire).

References: (tx) Nunberg 1973: 10.

xyloctonus (Schedl) 1941d: 398 (*Ctonocryphus*). Holotype, sex?; Kamerun; Schedl Collection in NHMW, Wien.

Distribution: Africa (Cameroon).

References: (tx) Schedl 1941d: 398, 1961k: 639, 1979c: 270.

Genus *Ctonoxylon* Hagedorn

CTONOXYLON HAGEDORN 1910b: 4. Type-species: *Ctonoxylon auratum* Hagedorn, subsequent designation by Hopkins 1914: 119.

References: (ay) Nobuchi 1969a: 55. (hb) Schedl 1958d: 184, 1961k: 426, 1977b: 35; Wood, S. L. 1986a: 85. (ds) Hagedorn 1910d: 81; Schedl 1961k: 426, 1977b: 35; Wood, S. L. 1986a: 85. (tx) Eggers 1923a: 130, 1935a: 76; Hagedorn 1910a: 136–137, 1910b: 4–5; Hopkins 1914: 119, 132, 1915c: 226; Schedl 1939i: 380, 1941d: 398, 1952g: 50, 1957d: 1–162, 1961k: 426, 1977b: 35; Wood, S. L. 1986a: 85.

acuminatum Schedl 1957d: 45. Holotype, sex?; Congo Belge: Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Clitandra* cf. *staudtii*.

References: (ec) Schedl 1961k: 426. (hb) Schedl 1961k: 426. (ds) Schedl 1961k: 426, 1982: 280. (tx) Schedl 1957d: 45, 1961k: 426, 1979c: 11.

alutaceus (Schaufuss) 1897b: 102 (*Stephanoderes*). Holotype, sex?; Tanga in Ostafrika; Hamburg Museum, lost.

Distribution: Africa (Tanzania).

Notes: (1) Eggers 1922b: 173 (to *Ctonoxylon*).

References: (ds) Hagedorn 1910d: 40; Kleine 1913b: 121, 1914b: 322. (tx) Eggers 1922b: 173; Hagedorn 1910a: 85; Hopkins 1915b: 24; Schaufuss 1897b: 102; Schedl 1961k: 547.

amanicum Hagedorn 1912b: 42. Holotype, sex?; Amani; Hamburg Museum, lost.

Distribution: Africa (Tanzania).

References: (bv) Aulmann 1911: 441–442; Aulmann & La Baume 1912: 65. (cn) Hagedorn 1913a: 14; Kleine 1932a: 303; Morstatt 1937: 26. (hb) Aulmann 1911: 441–442; Hagedorn 1913a: 14; Kleine 1932a: 303; Kolbe 1911: 508; Schedl 1961k: 428. (ds) Hagedorn 1913c; Kleine 1913b: 149, 1914b: 322, 1932a: 303, 1934a: 168, 630; Roba 1935: 338. (tx) Aulmann 1911; Eggers 1920: 39, 42–43; Hagedorn 1912b: 42; Schedl 1961k: 428.

atrum Browne 1965a: 190. Holotype, sex?; Nigeria: Idanre; BMNH, London.

Distribution: Africa (Nigeria).

Hosts: *Canthium* sp.

References: (tx) Browne 1965a: 190; Roberts 1969: 123.

- auratum Hagedorn** 1910b: 4. Holotype, sex?; Kamerun; MNB, Berlin.
Distribution: Africa (Cameroon/ Zaire).
References: (**ds**) Hagedorn 1910d: 81; Kleine 1913b: 149, 1914b: 312. (**tx**) Eggers 1927a: 198; Hagedorn 1910a: 137, 1910b: 4, 1912b: 42; Hopkins 1914: 119; Schedl 1961k: 428.
- bosqueiae Schedl** 1962h: 66. Holotype, sex?; Africa: Ghana, Bobiri, Kumasi; BMNH, London.
Distribution: Africa (Ghana/ South Africa).
Hosts: *Bosqueia angolense*.
References: (**hb**) Browne 1963a: 235. (**ds**) Browne 1963a: 235; Roberts 1969: 123; Schedl 1971g: 190, 1982: 279. (**tx**) Schedl 1962h: 66, 1962k: 1067, 1979c: 44.
- camerunum Hagedorn** 1910b: 4. Holotype, sex?; Kamerun; MNB, Berlin.
Distribution: Africa (Cameroon/ Equatorial Guinea/ Gabon/ Ivory Coast/ Nigeria/ Zaire).
Hosts: Liana.
References: (**cn**) Mayne & Donis 1951: 331. (**ec**) Mayne & Donis 1951: 331. (**hb**) Roberts 1969: 123. (**ds**) Hagedorn 1910d: 81; Kleine 1913b: 149, 1914b: 312; Schedl 1961k: 429. (**tx**) Eggers 1920: 37–38, 1927a: 198, 1943d: 246; Hagedorn 1910a: 137, 1910b: 4; Schedl 1939g: 171, 1950d: 6, 1961k: 429.
- fuscum Hagedorn** 1910b: 5. Holotype, sex?; Kamerun; MNB, Berlin.
Notes: (1) Eggers 1920: 37 (a variety of *camerunum*).
References: (**ds**) Hagedorn 1910d: 81; Schedl 1962k: 1067, 1964f: 618. (**tx**) Eggers 1920: 37–38; Hagedorn 1910a: 137, 1910b: 5; Schedl 1961k: 429, 1962k: 1067.
- capensis Schedl** 1971e: 8. Holotype, sex?; Umgeb. Cape Town; Schedl Collection in NHMW, Wien.
Distribution: Africa (South Africa).
References: (**tx**) Schedl 1971e: 8, 1979c: 51.
- caudatum Schedl** 1971e: 8. Holotype, sex?; Congo Belge, Stanleyville; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: (**tx**) Schedl 1971e: 8–9, 1979c: 54.
- conradti Schedl** 1939g: 171. Holotype, sex?; Ukerewi Island; Schedl Collection in NHMW, Wien.
Distribution: Africa (Angola/ Tanzania).
References: (**ds**) Ferreira 1965: 1112; Schedl 1959p: 16, 1961k: 430. (**tx**) Schedl 1939g: 171, 1961k: 430, 1979c: 63.
- cornutum Eggers** 1943d: 246. Holotype ♂; Kamerun; Strohmeier Collection.
Distribution: Africa (Cameroon).
References: (**tx**) Eggers 1943d: 246; Schedl 1961k: 430.
- crenatum Hagedorn** 1910b: 5. Holotype, sex?; Kamerun; MNB, Berlin.
Distribution: Africa (Cameroon).
References: (**hb**) Roberts 1969: 123. (**ds**) Hagedorn 1910d: 81; Kleine 1913b: 149, 1914b: 312; Schedl 1966c: 224. (**tx**) Eggers 1920: 39; Hagedorn 1910a: 137, 1910b: 5; Schedl 1961k: 430.
- dentigerum Schedl** 1941d: 388. Holotype, sex?; Spanish Guinea; Schedl Collection in NHMW, Wien.
Distribution: Africa (Equatorial Guinea).
References: (**tx**) Schedl 1941d: 388, 1961k: 430, 1979c: 78.
- festivum Schedl** 1941d: 389. Holotype, sex?; Kamerun, Soppo, 800 m; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon).
References: (**tx**) Schedl 1941d: 389, 1961k: 431, 1979c: 96.
- flavescens Hagedorn** 1910b: 4. Syntypes, sex?; Kamerun; MNB, Berlin.
Distribution: Africa (Cameroon/ Gabon/ Ghana/ Guinea/ Tanzania/ Zaire), Madagascar.
Hosts: *Allanblackia stuhlmannii*, *Carpodinus subrepanda*, *Landolphia robusta*, *Tripoochiton scleroxylon*.
Notes: (1) Eggers 1920: 38 (elevated to species rank from a variety of *camerunum*).
References: (**bv**) Aulmann 1911: 411. (**hb**) Aulmann 1911: 411; Roberts 1969: 124. (**ds**) Hagedorn 1910d: 81; Kleine 1913b: 149, 1914b: 312; Numberg 1952: 17, 1965b: 17; Schedl 1961k: 431, 1964j: 40, 1965e: 351, 1965f: 4, 1965g: 19, 1966a: 275. (**tx**) Aulmann 1911: 411; Eggers 1920: 38, 1922b: 170; Hagedorn 1910a: 137, 1910b: 4; Numberg 1952: 17; Schedl 1954e: 49, 1955d: 268, 1961k: 431, 1965f: 4.
- camerunum hirsutum Hagedorn** 1910b: 4. Syntypes, sex?; Kamerun; MNB, Berlin, 1 in Eggers Collection, in NHMW, Wien.
Notes: (3) Schedl 1961k: 431 (treated as a variety of *flavescens*).
References: (**ds**) Hagedorn 1910d: 81; Kleine 1913b: 149; Roberts 1969: 124; Schedl 1964f: 618, 1972e: 280; Thompson 1963: 37. (**tx**) Eggers 1920: 38; Hagedorn 1910a: 137, 1910b: 4; Schedl 1954e: 49, 70, 1961k: 431, 1979c: 50.
- flavescens usambaricum Eggers** 1920: 38. Syntypes, sex?; Mkulumusiberg (1000 m), bei Sigi in Ostafrika; 1 in Eggers Collection, in NHMW, Wien.
References: (**ec**) Schedl 1961k: 433. (**hb**) Schedl 1961k: 433, 1977b: 35. (**ds**) Schedl 1961k: 433, 1977b: 35. (**tx**) Eggers 1920: 38; Schedl 1961k: 433, 1977b: 35, 1979c: 97.
- griseum Schedl** 1941d: 389. Holotype, sex?; Brit. Ost-Afrika, Kikuyu; Schedl Collection in NHMW, Wien.
Distribution: Africa (Kenya/ South Africa).
Hosts: *Olea capensis*, *O. hochstetteri*.
References: (**cn**) Anonymous 1970c: 13. (**ds**) Anon-

- ymous 1970c: 13; Gardner 1957a: 30; Schedl 1961k: 435, 1965f: 4. **(tx)** Browne 1965: 190; Eggers 1920: 38; Schedl 1941d: 389, 1955i: 211, 1961k: 435, 1965f: 4, 1979c: 113.
- hamatum Schedl** 1941d: 390. Holotype, sex?; Nairobi; Schedl Collection in NHMW, Wien.
Distribution: Africa (Kenya/ South Africa/ Tanzania).
Hosts: *Olea hochstetteri*, *O. welwitschii*.
References: **(ds)** Gardner 1957a: 30. **(tx)** Browne 1969: 190; Powell 1980: 29; Schedl 1941d: 390, 1957b: 150, 1961k: 436, 1979c: 115.
- hirtellum Schedl** 1971e: 9. Holotype, sex?; Congo Belge, Yangambi; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: **(tx)** Schedl 1971e: 9, 1979c: 117.
- intermedium Schedl** 1971e: 10. Holotype, sex?; Kamerun; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon).
References: **(tx)** Schedl 1971e: 10, 1979c: 126.
- kivuensis Schedl** 1957d: 44. Holotype, sex?; Congo Belge; Kivu, Mulungu; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Popowia* sp.
References: **(ds)** Schedl 1961k: 437. **(tx)** Schedl 1957d: 44, 1961k: 437, 1979c: 133.
- longipilum Eggers** 1935c: 308. Holotype ♀; Brit. Ostafrika (Mulange); USNM, Washington.
Distribution: Africa (Ghana/ Ivory Coast/ Kenya/ Tanzania), Madagascar.
References: **(ds)** Schedl 1972e: 280, 1977b: 36, 1977d: 278, 1982: 281. **(tx)** Anderson, W. H. & Anderson 1971: 18; Eggers 1935c: 308, 1940c: 236; Nunberg 1969: 380; Schedl 1953d: 67, 1961k: 437, 1977b: 36.
- methneri Eggers** 1922b: 170. Holotype, sex?; Utzungwe-Berge, 1300–1600 m; Methner Collection.
Distribution: Africa (Kenya/ South Africa/ Tanzania).
References: **(tx)** Browne 1965: 22; Eggers 1922b: 170; Schedl 1961k: 438, 1962k: 1067, 1965g: 19.
- montanum Eggers** 1922b: 170. Holotype ♀; Buea, Kamerun; USNM, Washington.
Distribution: Africa (Cameroon).
References: **(tx)** Anderson, W. H. & Anderson 1971: 21; Eggers 1922b: 170, 1935c: 308; Schedl 1961k: 438.
- nodosum Eggers** 1940c: 236. Holotype, sex?; Congostaat: Mongbwalu (Kilo), im Osten an der Grenze gegen Brit. Ostafrika; MRCB, Tervuren.
Distribution: Africa (Cameroon/ Ghana/ Nigeria/ Uganda/ Zaire).
References: **(ds)** Browne 1973a: 279; Roberts 1969: 124; Schedl 1962h: 58, 1962k: 1067, 1965f: 4. **(tx)** Eggers 1940c: 236; Schedl 1961k: 438, 1962k: 1067, 1965f: 4.
- pygmaeum Eggers** 1920: 39. Syntypes, sex?; Soppo in Kamerun, 800 m; MNB, Berlin, and Eggers Collection, 2 Eggers syntypes in NHMW, Wien.
Distribution: Africa (Cameroon).
References: **(tx)** Eggers 1920: 39; Schedl 1961k: 439, 1962h: 66, 1979c: 207.
- setifer Eggers** 1920: 39. Holotype, sex?; Amani; Hamburg Museum, lost.
Distribution: Africa (Kenya/ Tanzania/ Zaire).
References: **(ds)** Gardner 1957a: 30; Schedl 1961k: 439. **(tx)** Eggers 1920: 39, 1922b: 170, 1927a: 198; Schedl 1941d: 390, 1951e: 39, 1952g: 50, 1961k: 439, 1979c: 226.
- spathifer Schedl** 1951e: 39. Syntypes, sex?; Cote d'Ivoire, Reserve du Banco; MNHN, Paris, and Schedl Collection in NHMW, Wien.
Distribution: Africa (Ivory Coast/ Tanzania).
Hosts: *Olea welwitschii*, *Pachylobus deliciosus*, *Strombosia pustulata*.
References: **(ds)** Cachan 1957: 15; Schedl 1961k: 440, 1979b: 415. **(tx)** Schedl 1951e: 39, 1954d: 870, 1961k: 440, 1979c: 233.
- spinifer Eggers** 1920: 39. Lectotype ♀; Kamerun; USNM, Washington, designated by Anderson & Anderson 1971: 31.
Distribution: Africa (Cameroon/ Ivory Coast).
References: **(ds)** Cachan 1957: 15; Roberts 1969: 124; Schedl 1961k: 440, 1964j: 40, 1967e: 210. **(tx)** Anderson, W. H. & Anderson 1971: 30–31; Eggers 1920: 39; Schedl 1951e: 38, 1954d: 870, 1961k: 441, 1965h: 114.
- uniserialatum Schedl** 1965h: 114. Holotype, sex?; S.W. Africa; Schedl Collection in NHMW, Wien.
Distribution: Africa (South West Africa).
References: **(tx)** Schedl 1965h: 114, 1979c: 261.

Genus *Scolytomimus* Blandford

- SCOLYTOMIMUS** BLANDFORD 1895a: 319. Type-species: *Scolytomimus dilutus* Blandford, monobasic.
- Neoxyloctonus** Eggers 1923a: 143. Type-species: *Neoxyloctonus philippinensis* Eggers, monobasic. Synonymy: Schedl 1951i: 53.
References: **(tx)** Eggers 1923a: 143; Schedl 1951i: 53.
- Scolytoleptes** Schedl 1962q: 490. Type-species: *Scolytomimus maculatus* Beeson, original designation. Synonymy: Browne 1970: 557.
References: **(tx)** Browne 1970: 557; Schedl 1962q: 490.
- Keys: Browne 1958a: 487.
References: **(hb)** Browne 1961c: 79–81; Wood, S. L. 1986a: 85. **(ds)** Browne 1961c: 79–81; Wood, S. L. 1986a: 85. **(tx)** Beeson 1938b: 290; Blandford 1895a: 319; Browne 1958: 487–497, 1970: 557; Schedl 1951i: 53; Wood, S. L. 1960a: 1–73, 1986a: 85.
- andamanensis Wood** 1988c: 199. Holotype ♂; Andaman Islands; FRI, Dehra Dun.
Distribution: Asia (Andaman Islands in India).

Hosts: *Sideroxylon longepetiolatum*.

Notes: (3) Schedl 1951i: 53 (*Xyloctonus andamanensis* Beeson, nomen nudum).

References: (tx) Wood, S. L. 1988c: 199–200.

assamensis Schedl 1951i: 54. Holotype, sex?; Assam, Lushai Hills, India; Schedl Collection in NHMW, Wien.

Distribution: Asia (Bangladesh/ Assam and Baihar in India/ Sri Lanka), Indonesia (Sarawak in Borneo).

Hosts: *Bassia latifolia*, *B. butyraces*, *Bauhinia tomentosa*, *Camellia sinensis*, *Dichopsis polyantha*, *Isonandra polyantha*, *Palaquium pseudo-rostratum*.

References: (cn) Mathur & Singh 1960b: 73. (ds) Mathew 1981, 1987: 188; Mathur & Singh 1960b: 73; Schedl 1962p: 203. (tx) Schedl 1951i: 54, 1962p: 203, 1979c: 29.

bassiae Schedl 1951i: 54. Holotype, sex?; Indien, Baihar, Balaghat; Schedl Collection in NHMW, Wien. Synonymy: Wood 1992:(in press).

References: (ds) Bhasin, Roonwal, & Singh 1958. (tx) Browne 1958a: 491; Schedl 1951i: 54, 1979c: 35.

quadrioculatus Browne 1958: 490. Holotype, sex?; Sarawak: Setapok, near Kuching; BMNH, London. Synonymy: Schedl 1962p: 203.

References: (ds) Bhasin, Roonwal, & Singh 1958. (tx) Browne 1958: 490; Schedl 1962p: 203.

baloghi Schedl 1969e: 157. Holotype, sex?; New Guinea, Mt. Kaindi; NHMB, Budapest.

Distribution: New Guinea.

References: (tx) Schedl 1969e: 157, 1979c: 33.

bicolor Wood 1960a: 18. Holotype ♀; E. Ngatpang, Babelthup, Palau Island; USNM, Washington.

Distribution: Micronesia (Palau Island).

References: (tx) Wood, S. L. 1960a: 17–18.

costipennis Schedl 1953c: 291. Syntypes 2, sex?; Malaya, Pahang, Ginting Kial; BMNH, London, and Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya).

References: (ds) Browne 1961c: 81. (tx) Browne 1970: 557; Schedl 1953c: 291, 1962q: 490, 1979c: 67.

dilutus Blandford 1895a: 320. Syntypes 2, sex?; Ceylon, Bogawantalawa; BMNH, London.

Distribution: Asia (Sri Lanka).

Hosts: Kiribade.

Notes: (3) Schedl 1951i: 53 (*darwini*, nomen nudum).

References: (ds) Kleine 1913b: 149; Schedl 1959a: 474, 1969c: 48. (tx) Beeson 1929: 224, 1938: 290; Blandford 1895a: 320; Browne 1958a: 491; Hopkins 1914: 129; Lucas 1920: 572; Schedl 1951i: 53, 1953c: 291, 1954a: 138, 1959a: 474. (ms) Lucas 1920: 572.

maculatus Beeson 1929: 223. Holotype, sex?; Upolu: Apia, Vailima; BMNH, London.

Distribution: Samoan Islands.

Hosts: *Planchonella samoensis*.

References: (ec) Roberts 1976: 382. (hb) Beaver 1976b: 536; Roberts 1976: 382. (ds) Beaver 1976b: 532; Beeson 1938b: 290; Browne 1974a: 65, 1980c: 484, 1981b: 598, 1984a: 151; Ohno et al. 1987: 87; Roberts 1976: 382. (tx) Beeson 1929: 223; Browne 1970: 557; Schedl 1950f: 36, 1951i: 53, 1951k: 132, 1962q: 490, 1979c: 144; Wood, S. L. 1960a: 18.

mimusopsis Wood 1988c: 200. Holotype ♀; Palugama, Anuradhapura, Ceylon; FRI, Dehra Dun.

Distribution: Asia (Sri Lanka).

Hosts: *Bassia latifolia*, *Mimusops elengi*.

Notes: (3) Schedl 1951i: 53 (*Xyloctonus mimusopsis* Beeson, nomen nudum).

References: (tx) Wood, S. L. 1988c: 200.

philippinensis (Eggers) 1923: 143 (*Neoxyloctonus*). Syntypes, sex?; Butuan auf Mindanao, Philippines; SMTD, Dresden.

Distribution: Australia, Philippine Islands (Mindanao).

Hosts: *Palmetia pinnata*.

References: (ds) Browne 1966: 245; Schedl 1966b: 16, 1972a: 143. (tx) Eggers 1923: 143, 1927b: 406, 1937b; Nobuchi 1983: 299; Schedl 1951i: 53.

pusillus (Eggers) 1927c: 88 (*Neoxyloctonus*). Lectotype, sex?; Philippines: Mindanao, Prov. Lanao, Kolambagan; USNM, Washington, designated by Anderson & Anderson 1971: 27.

Distribution: Asia (Andaman Islands in India/ Malaya), Indonesia (Borneo, Java), New Guinea, Philippine Islands (Mindanao).

Hosts: *Achras sapota*, *Mimusops littoralis*, *Palaquium maingayi*, *P. stellatum*.

References: (hb) Beaver & Browne 1978: 599; Browne 1961c: 80; Kalshoven 1958b: 180. (ds) Beaver & Browne 1978: 599; Browne 1961c: 80, 1966: 245, 1980b: 381, 1980c: 484, 1984a: 151; Ohno, Yoneyama, & Nakazawa 1987b: 93; Ohno, Yoshioka et al. 1988a: 91, 1989: 60; Schedl 1966b: 16, 1975i: 346. (tx) Anderson, W. H. & Anderson 1971: 27; Browne 1961: 80; Eggers 1927c: 88; Nobuchi 1983: 300; Schedl 1940b: 435, 1951i: 50, 53, 1953c: 288, 1962p: 203, 1979c: 206.

kalshoveni Eggers 1940d: 132. Holotype, sex?; Java: Kalshoven Collection. Synonymy: Wood 1989: 175.

References: (hb) Kalshoven 1958: 180. (tx) Browne 1958a: 491; Eggers 1940d: 132; Schedl 1942d: 1, 1951i: 53, 1953c: 288, 1979c: 131; Wood, S. L. 1989: 175.

brunigi Browne 1958: 488. Holotype, sex?; Sarawak: Bako National Park; BMNH, London. Synonymy: Schedl 1962p: 203.

References: (ds) Browne 1961a: 304. (tx) Browne 1958: 488; Schedl 1962p: 203.

- menoni* Browne 1958: 457. Holotype, sex?: Malaya: Selangor, Kepong; BMNH, London. Synonymy: Schedl 1962p: 203. References: **(ds)** Browne 1961c: 81. **(tx)** Browne 1958: 457, 1961c: 81; Schedl 1962p: 203.
- insularis* Schedl 1962q: 491 (*Scolytoleptes*). Holotype, sex?: Andaman Islands; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 175. Notes: (1) Browne 1970: 557 (to *Scolytominus*). (3) Beeson 1941: 295 (*insularis*, nomen nudum). References: **(ds)** Beeson 1961: 295. **(tx)** Browne 1958a: 491, 1970: 557; Schedl 1951i: 53, 1955b: 287, 1962q: 491, 1979c: 126; Wood, S. L. 1989: 175.
- quadridentis** Wood 1988c: 200. Holotype ♂: New Guinea (NE), Huron Peninsula, Finschafen; Wood Collection. Distribution: New Guinea. References: **(tx)** Wood, S. L. 1988c: 200–201.
- rectus** Wood 1988c: 201. Holotype ♂: 40 km NE Polonnaruwa, Pol. Distr., Sri Lanka; USNM, Washington. Distribution: Asia (Sri Lanka). Hosts: *Manikara hexandra*. References: **(tx)** Wood, S. L. 1988c: 201.
- tenuis** Browne 1984: 77. Holotype, sex?: Fiji: Viti Levu, Namosi Road, Savura Creek; BMNH, London. Distribution: Fiji Islands. References: **(tx)** Browne 1984: 77.
- woodi** Browne 1958: 489. Holotype, sex?: Malaya: Selangor, Kepong; BMNH, London. Distribution: Asia (Malaya). Hosts: *Palaquium mainyayi*, *P. stellatum*. Notes: (3) Schedl 1962p: 203 (incorrectly cited as a synonym of *pusillus*). References: **(hb)** Browne 1961c: 80. **(ds)** Browne 1961c: 80. **(tx)** Browne 1958: 489, 1961c: 80; Schedl 1962p: 203.
- Genus *Xyloctonus* Eichhoff
- XYLOCTONUS EICHHOFF 1872a: 134. Type-species: *Xyloctonus scolytoides* Eichhoff, monobasic. Keys: Menier 1974: 658. References: **(hb)** Schedl 1958d: 184, 1961k: 418, 1977b: 31; Wood, S. L. 1986a: 85. **(ds)** Hagedorn 1910d: 81; Schedl 1961k: 418, 1977b: 31; Wood, S. L. 1986a: 85. **(tx)** Blandford 1893d: 441, 1895a: 320, 1904: 412; Eggers 1939a: 14; Eichhoff 1872a: 134, 1878b: 338; Hagedorn 1904: 412, 1910a: 135–136, 1910b: 4; Hopkins 1914: 132, 135, 1915c: 226; Menier 1974: 653–666; Schedl 1939e: 340, 1939i: 380, 1941d: 398, 1957d: 1–162, 1961k: 418, 1965e: 349–379, 1977b: 31; Wood, S. L. 1986a: 85.
- aethiops** Schedl 1953d: 77. Lectotype, sex?: Madagascar, Ankorika; MNHN, Paris, designated by Menier 1974: 660. Distribution: Madagascar. Hosts: *Savia hildebrandti*. References: **(tx)** Menier 1974: 660; Schedl 1953d: 77, 1977b: 31, 1979c: 14.
- stenographus* Schedl 1961e: 130. Holotype, sex?: Madagascar, Perinet; MNHN, Paris. Synonymy: Menier 1974: 660. References: **(hb)** Schedl 1977b: 34. **(ds)** Schedl 1977b: 34. **(tx)** Menier 1974: 660; Schedl 1961e: 130, 1977b: 31–34, 1979c: 237.
- bimarginatus** Eggers 1939a: 17. Holotype, sex?: Congostaat (Kundelungus); MRCB, Tervuren. Distribution: Africa (Zaire). References: **(tx)** Eggers 1939a: 17; Menier 1974: 656; Schedl 1961k: 419.
- biseriatus** Schedl 1953d: 76. Lectotype, sex?: Madagascar, Region de l'Androy, Ambovombe; MNHN, Paris, designated by Menier 1974: 661. Distribution: Madagascar. References: **(tx)** Menier 1974: 656, 661; Schedl 1953d: 76, 1977b: 31, 1979c: 41.
- latus** Eggers 1939a: 14. Lectotype, sex?: Abessinia (Djem-djem Forest); BMNH, London, designated by Menier 1974: 661. Distribution: Africa (Ethiopia/ South Africa/ Zambia). References: **(ds)** Schedl 1965e: 351, 1965h: 111, 1969d: 5. **(tx)** Eggers 1939a: 14–15; Menier 1974: 661; Schedl 1961k: 419, 1965e: 365, 1979c: 137.
- maculatus** Schedl 1965h: 113. Holotype, sex?: Cape Prov., Port Elizabeth; Transvaal Museum. Distribution: Africa (South Africa). Hosts: *Sideroxylon inerme*. References: **(tx)** Schedl 1965g: 19, 1965h: 113, 1979c: 114.
- mauritanus** Menier 1974: 662. Holotype ♂?: Corps de garde, Mauritius; MNHN, Paris. Distribution: Mauritius Island. References: **(tx)** Menier 1974: 662, 663.
- niger** Schedl 1938d: 452. Lectotype, sex?: Uganda: Entebbe; BMNH, London, designated by Menier 1974: 663. Distribution: Africa (Uganda). Hosts: *Conopharyngia holzkii*. References: **(ds)** Gardner 1957a: 33; Schedl 1938d: 452. **(tx)** Eggers 1939b: 14; Menier 1974: 663; Schedl 1938d: 452, 1961k: 419, 1979c: 179.
- opacus** Schedl 1957d: 43. Holotype, sex?: Ruanda: Ihembe; MRCB, Tervuren. Distribution: Africa (Ruanda in Zaire). Hosts: *Chrysophyllum boivinianum*. References: **(cc)** Schedl 1958d: 190–191, 1961k: 420. **(hb)** Schedl 1958d: 191, 1961k: 420, 1977b: 32. **(ds)** Mayne & Donis 1962: 323; Schedl 1961k: 420, 1977b: 32, 1979b: 415. **(tx)** Schedl 1957d: 43, 1961k: 420, 1977b: 32, 1979c: 179.
- pubifer** Schedl 1965e: 365. Holotype, sex?: Port Elisabeth; Schedl Collection in NHMW, Wien. Distribution: Africa (South Africa/ Zambia).

References: **(hb)** Loyttniemi, Beaver, & Loyttniemi 1984. **(ds)** Beaver & Loyttniemi 1985a: 79; Schedl 1982: 281. **(tx)** Schedl 1965c: 365, 1979c: 203.

punctipennis Eggers 1939a: 16. Holotype, sex?; Somaliland (Basso Genana); USNM, Washington. Distribution: Africa (Somalia).

References: **(tx)** Anderson, W. H. & Anderson 1971: 27; Eggers 1939a: 16; Schedl 1961k: 422, 1979c: 205.

quadricinctus Schedl 1941d: 387. Holotype, sex?; Usambara; Schedl Collection in NHMW, Wien. Distribution: Africa (Ghana/ Tanzania).

Hosts: *Chrysophyllum albidum*.

References: **(hb)** Thompson, G. H. 1963: 73. **(ds)** Roberts 1969: 134; Schedl 1961k: 423; Thompson, G. H. 1963: 73. **(tx)** Menier 1974: 656, 665; Schedl 1941d: 387, 1954e: 49, 1957d: 43, 1961k: 422, 1979c: 208.

quadridens Schedl 1953d: 77. Lectotype ♂; Madagascar, Mt. d'Ambre; MNHN, Paris, designated by Menier 1974: 665.

Distribution: Madagascar.

Hosts: *Filicium abbreviatum*.

References: **(hb)** Schedl 1977b: 33. **(ds)** Schedl 1977b: 33. **(tx)** Menier 1974: 665; Schedl 1953d: 77, 1977b: 33, 1979c: 208.

scolytoides Eichhoff 1872a: 134. Lectotype, sex?; Port Natal; IRSNB, Brussels, designated by Menier 1974: 665.

Distribution: Africa (Ghana/ Ivory Coast/ Kenya/ Nigeria/ South Africa/ Sudan/ Tanzania/ Zaire).

Hosts: *Butyrospermum parkii*, *Illepe* (*Bassia*) *latifolia*, *Minusops caffra*.

References: **(cn)** Anonymous 1970c: 14. **(ec)** Beeson 1922c: 500. **(hb)** Browne 1963a: 236;

Roberts 1969: 134. **(ds)** Anonymous 1970c: 14; Beeson 1922c: 500, 1961: 310; Browne 1963a: 236; Gemminger & Harold 1872: 2684; Hagedorn 1910d: 81; Kleine 1913b: 148, 1914b: 319, 1934a: 167–168; Schedl 1938d: 450, 1961k: 423, 1962h: 53, 1962k: 1066, 1964j: 40, 1972e: 280, 1975h: 351, 1977d: 178, 1982: 279. **(tx)** Blandford 1895a: 320; Eggers 1922b: 173–174, 1927a: 198, 1936b: 28–33, 1939b: 14; Eichhoff 1872a: 134, 1878b: 171–172; Hagedorn 1910a: 136; Hopkins 1914: 132, 135, 1915c: pl. 9, fig. 6; Lucas 1920: 675; Menier 1974: 665; Schedl 1939g: 170, 1941d: 380, 1951i: 53–54, 1957b: 150, 1957d: 43, 1961k: 423, 1962k: 1066, 1965g: 17. **(ms)** Lucas 1920: 675.

emarginatus Eggers 1939a: 16. Holotype, sex?; Brit. Ostafrika (W. Nile); USNM, Washington. Synonymy: Menier 1974: 665.

References: **(tx)** Anderson, W. H. & Anderson 1971: 12; Eggers 1939a: 15–16; Menier 1974: 665; Schedl 1961k: 419, 1979c: 90.

striatus Eggers 1939a: 18. Holotype, sex?; Mozambique (Sangadze, Moulima); MNHN, Paris.

Distribution: Africa (Mozambique).

Hosts: *Acacia* sp.

References: **(ds)** Schedl 1961k: 425. **(tx)** Eggers 1939a: 18; Schedl 1961k: 425, 1965e: 365, 1979c: 238.

subcostatus Eggers 1939a: 15. Holotype, sex?; Deutsch Ost Africa (Bez. Tabora; Ngulu); USNM, Washington.

Distribution: Africa (Guinea/ Mozambique/ Sudan/ Tanzania).

References: **(ds)** Schedl 1961k: 425. **(tx)** Anderson, W. H. & Anderson 1971: 32; Eggers 1939a: 15–16; Schedl 1955d: 268, 1961k: 425, 1979c: 240.

Tribe Cryphalini Lindemann

Cryphaloideae

References: Lindemann 1876: 165.

Cryphalidae

References: Eichhoff 1878b: 107, 1881a: 169.

Cryphalinae

References: Hagedorn 1909: 162, 1910a: 24, 80, 1910d: 40; Hopkins 1915b, 1915c: 224; Leng 1920: 339; Lucas 1920: 19; Nusslin 1911: 430; Tredl 1907: 12.

Cryphalini

References: Leng 1920: 339; Reiter 1913a: 28; Wood, S. L. 1978a: 114, 1982b: 69, 1986a: 85–93.

Cryphalina

References: Balachowsky 1949a: 200; Barbey 1901: 21; Beal & Massey 1945: 119; Bedel 1888b: 397, 413.

Cryphali

References: Blandford 1904: 225.

Trypophloeinae

References: Nusslin 1911: 373, 431.

Ernoporinae

References: Nusslin 1911: 375, 429.

Eidophelinae

References: Murayama 1954: 200.

Genus *Trypophloeus* Fairmaire

TRYPOPHLOEUS FAIRMAIRE 1868: 105. Type-species:

Bostrichus binodulus Ratzeburg, monobasic.

Glyptoderes Eichhoff 1878b: 34, 44, 137. Type-species: *Bostrichus binodulus* Ratzeburg, subsequent designation by Hopkins 1914: 122. Synonymy: Bedel 1888b: 397.

References: (tx) Balachowsky 1949a: 213; Eichhoff 1878b: 34, 44, 137; Göz 1985: 278; Wood, S. L. 1954a: 998.

Keys: Wood 1954a: 989, 1982b: 851 for North America; Balachowsky 1949a: 214, Reitter 1913a: 69, Stark 1952: 281 for Asia and Europe.

References: (hb) Wood, S. L. 1982b: 850, 1986a: 89. (ds) Wood, S. L. 1982b: 850, 1986a: 89. (tx) Balachowsky 1949a: 213; Bright 1976d: 108; Dodge 1938: 18; Fairmaire 1864: 121–127, 1868: 105; Hansen, V. 1955: 169–176; Hopkins 1914: 131–132, 1915b: 8, 36; Karaman 1972: 122; Klimesch 1913: 105–116, 1914: 213–219, 231–241; Kostin 1973: 253; Krivolutsкая 1956: 152; Nunberg 1956: 141; Peyerimhoff 1935: 194–195; Pfeffer 1889a: 83; Reitter 1913a: 65, 69–71; Rudnev 1958: 372; Saalas 1914: 73, 83; Schedl 1962p: 204, 1981b: 72; Scheerpeltz & Winkler 1930: 257; Schimitschek 1937: 50–51; Sokanovskii 1954: 21–22; Spessivtsev 1922: 470, 1931: 88; Stresemann et al. 1989: 353; Swaine 1918a: 45, 90; Trappen 1935: 142; Wood, S. L. 1954a: 988, 1967a: 122, 1982b: 850, 1986a: 89. (ms) Kangas 1969.

alni (Lindemann) 1875a: 136 (*Cryphalus*). Syn-types, sex?; Moskau; not located.

Figures: Grune 1979: 98.

Distribution: Asia (Xinjiang in China), Europe (Austria/ Czechoslovakia/ Finland/ Germany/ N Italy/ Norway/ Poland/ W USSR).

Hosts: *Alnus glutinosa*, *A. incana*.

References: (ay) Klimesch 1914: 218. (bv) Grune 1979: 99. (cn) Grandi 1951; Kontkanen 1932: 63; Koppen 1882: 252; Nestertschuk 1930: 176; Nusslin 1913: 291; Pierce, W. D. 1917: 12; Rhumbler 1922: 334, 1927: 351. (ec) Balazy & Michalski 1964b; Kangas 1942b; Kleine 1908c: 187, 1944: 70; Michalski & Ratajczak 1989; Nusslin 1927: 351. (hb) Altum 1881c: 322; Dombrowsky 1887, 1889; Eichhoff 1881a: 46, 189; Gornostaev 1916: 314; Grandi 1951; Henschel 1895a: 170; Kangas 1940b: 41–50; Klimesch 1915: 11; Kostin 1960: 132; Lengerken 1954b: 84; Lindemann 1875a: 136; Palm 1956: 63; Nusslin 1913: 291, 1927: 351; Rhumbler 1922: 334, 1927: 351; Rupertsberger 1879: 231, 1880: 229; Schedl 1981b: 73; Stark 1926a: 330, 1952: 283. (ds) Gornostaev 1917; Grune 1979: 99; Hagedorn 1910d: 40; Hansen, V. 1939; Hellen 1947; Henschel 1895a: 170; Heyden, Reitter, & Weise 1883: 181, 1891: 671, 1906: 711; Kangas 1942b; Klefbeck & Sjöberg 1960: 203; Kleine 1913a: 35, 1913b: 123, 1934a: 147; Kontkanen 1932: 63; Koppen 1882: 252; Kraatz 1876c: 107; Lindemann 1884b: 264; Linnavuori 1949a: 185, 1949b: 34; Lucht 1987: 278; Nunberg 1954: 50; Nuorteva 1971; Palm 1956: 63; Pierce, W. D. 1917: 12; Pittioni 1943: 176; Postner 1974: 428; Reitter 1889a: 93, 1894a: 72; Schaufuss 1915: 1233; Schedl 1980a: 15, 1981b: 73; Seidlitz 1891b: 563, 608; Sokanovskii 1960; Stark 1926a: 330, 1926j: 125, 1931a: 25, 1952: 283; Stein & Weise 1877: 164; Strand 1946: 600, 1953: 62; Swaine 1912a: 349; Tredl 1907: 13; Wichmann 1909b: 173; Yanovskii & Tegshzhargal 1985: 409; Zinovjev 1955: 191. (tx) Balachowsky 1949a: 218; Dombrowsky 1887, 1889; Eichhoff 1878b: 44, 139, 1881a: 46, 189, 1883a: 110, 133; Grune 1979: 98, 99; Hagedorn 1910a: 85; Henschel 1895a: 170; Hopkins 1915b: 36; Lindemann 1875a: 136, 1877a: 161; Lucht 1987: 278; Nunberg 1954: 50; Pfeffer 1955a: 184; Reitter 1889a: 93, 1894a: 72, 1913a: 71; Rhumbler 1922: 334, 1927: 351; Rupertsberger 1879: 231, 1880: 229; Schedl 1934f: 1639, 1980a: 15, 1981b: 73; Sedlaczek 1912: 307; Seidlitz 1891a: 563, 1891b: 608; Sokanovskii 1954: 22, 1960: 676; Spessivtsev 1922a: 471, 492, 1931: 47; Stark 1935: 152, 1952: 203; Strand 1953: 62. (ms) Kraatz 1876c: 107.

holdhausi Wichmann 1912c: 186. Holotype ♀; Campo grosso [N Italy]; NHMW, Wien. Synonymy: Balachowsky 1949a: 218.

References: (ds) Kleine 1913b: 123; Schaufuss 1915: 1233. (tx) Balachowsky 1949a: 218;

Eggers 1914; Reitter 1913a: 70–71; Schedl 1934f: 1639; Wichmann 1912c: 186.

binodulus (Ratzeburg) 1837: 163 (*Bostrichus*).

Syntypes, sex?: apparently Germany; not located. Distribution: Africa (Algeria/ Morocco), Europe (Austria/ Belgium/ Bulgaria/ Corsica/ Czechoslovakia/ Denmark/ England/ Finland/ France/ Germany/ Hungary/ Italy/ Netherlands/ Norway/ Poland/ Romania/ Spain/ Sweden/ Switzerland). Hosts: *Populus pyramidalis*, *P. tremula*, *Salix caprea*, *S. fragilis*, *S. sp.*

Notes: (3) Most references (except Gyllenhal 1813: 363) to *Bostrichus asperatus* published prior to Wood 1972: 41 refer to *binodulus*; the species designated by the name *asperatus* is in *Cryphalus*.

References: (ay) Escherich 1923b: 482; Klimesch 1914: 216–217, 237; Nusslin 1911a: 112. (cn) Barbey 1925: 566; Escherich 1923b: 482; Esterberg 1959; Kontkanen 1932: 63; Nester-tschuk 1930: 176; Nusslin 1913: 291; Palm 1951: 231; Rhumbler 1922: 334, 1927: 351; Schwerdtfeger 1944a: 175, 1957a: 182; Wachtl 1901: 381. (ec) Brammanis 1938, 1940; Elliot & Morley 1907; Heqvist 1967: 69; Kleine 1908c: 187, 1909a: 47; Nosek 1959a: 118, 1959b: 86; Nusslin 1927: 351; Rondani 1873: 146; Schwerdtfeger 1944a: 175, 1957a: 182. (hb) Altum 1881c: 322; Barbey 1901: 74, 1925: 566; Chapman 1869a: 198; Dombrowsky 1887, 1889; Eichhoff 1881a: 46, 188; Escherich 1923b: 482; Everts 1903: 756; Gyorfi 1957; Hagedorn 1903a, 1904f; Henschel 1895a: 170; Karpinski & Strawinski 1948: 155; Kellner 1862: 280; Kemner 1919: 175; Klimesch 1915: 11; Lengerken 1939: 63, 1954: 84; Munro 1926: 62; Nordlinger 1856: 29; Nosek 1959a: 118, 1959b: 86; Nunberg 1929a: 105; Nusslin 1898: 280, 1913: 291, 1927: 351; Palm 1950: 142, 1951: 231; Peyerimhoff 1926: 387; Pfeffer 1942a: 15; Ratzeburg 1837: 163, 1839: 199; Rhumbler 1922: 334, 1927: 351; Rupertsberger 1879: 231, 1880: 229; Saalas 1913a: 69, 83; Schwerdtfeger 1944a: 175, 1957a: 182; Stark 1926a: 334, 1952: 289; Wachtl 1876a: 458, 1901: 381. (ds) Acloque 1896; Allen, A. 1954, 1958: 216; Arnoldi et al. 1955: 694; Bedel 1888b: 397, 414; Bielz 1887; Blanchere & Robert 1889; Borchert 1951; Calver 1884, 1893; Carpentier & Delaby 1908; Crotch 1863; Eggers 1904; Endrodi 1958b; Ericson & Sandin 1893; Escherich 1923b: 482, 1932b; Esterberg 1959; Everts 1922: 642; Fowler 1891; Fuchs 1905a; Fuss 1874; Gaubil 1849: 126; Gemminger & Harold 1872: 2683; Gozis 1875: 80, 1885: 278; Gredler 1875: 115; Grill 1895: 309; Hagedorn 1903a, 1910d: 41; Hansen, V. 1939, 1956; Hellen 1947; Henschel 1895a: 170; Heyden 1876: 299, 1879: 140; Heyden, Reitter, & Weise 1883: 181, 1891: 671, 1906: 711; Horion 1951; Jansson 1935: 77; Jazentkovsky 1912: 288; Kangas 1946a: 36;

Karpinski 1925: 216, 1931: 20, 39, 1932b: 54; Karpinski & Strawinski 1948: 155; Keler 1925b: 272; Kellner 1862: 280; Kemner 1919: 175; Kestercanek 1881a: 12; Kleine 1912a: 263, 267, 1913a: 35, 1913b: 123, 1934a: 147; Kloft & Hinks 1945: 218; Koltze 1901: 153; Kontkanen 1932: 63; Kozikowsky & Kuntze 1925: 20; Kraatz 1869: 59; Lacordaire 1866: 379; Langhoffer 1915c: 158; Lindemann 1884b: 264; Linder 1953: 71; Lindgren 1945: 77; Lomnicki 1886a: 242, 1913b: 148; Matthews & Fowler 1883: 42; Nunberg 1928b: 88, 106, 1954: 50; Nusslin 1898: 280; Palm 1950: 142, 1959: 24, 350; Perris 1876a: 255, 1877a: 415; Peyerimhoff 1926: 387; Pfeffer 1931b: 73, 1936: 90; Pittioni 1943: 176; Poppius 1900: 108; Power 1865: 212; Prossen 1913: 83; Rapp 1934: 728; Ratzeburg 1837: 163, 1839: 199; Redtenbacher 1858: 832, 1874: 375; Reitter 1869b: 154, 1894a: 72, 1916: 289; Rohrig 1955: 37; Roubal 1941: 264; Saalas 1913a: 69, 83; Sahlberg 1900: 105; Sainte-Claire 1914: 472; Sainte-Claire & Mequignon 1938: 445; Schaufuss 1915: 1233; Schaum 1859: 96, 1862: 101; Scheerpeltz & Winkler 1930: 257; Schilsky 1909: 188; Seidlitz 1872: 393, 1891a: 563, 1891b: 608; Sharp & Fowler 1893: 34; Stark 1926a: 334, 1926b: 103, 1926j: 125, 1931a: 25, 1952: 289; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 438; Thomson 1868: 219; Tredl 1907: 13; Wachtl 1876a: 458; Westhoff 1882: 238; Wichmann 1927a: 68. (tx) Acloque 1896; Bach 1854; Balachowsky 1949: 215; Barbey 1901: 74; Bedel 1888b: 397, 414; Bertolini 1872; Carpentier & Delaby 1908; Doebner 1860; Dombrowsky 1887, 1889; Duffy 1953; Eggers 1927: 121–122; Eichhoff 1864b: 35, 1878b: 44, 139, 1881a: 46, 188, 1883a: 110, 133; Endrodi 1957b: 416; Escherich 1923b: 482; Everts 1903: 756, 1922: 642; Fairmaire 1864: 105; Fauvel 1889; Ferrari 1867a: 11, 1867b: 114; Fleischer 1927; Formanek 1907: 36; Hagedorn 1904a: 230; Hansen, V. 1955, 1956: 179; Henschel 1895a: 170; Hopkins 1914: 122, 131, 1915b: 36–37; Houlbert 1922a: pl. 1; Jacquelin du Val & Fairmaire 1868: 105; Karpinski & Strawinski 1948: 155; Klimesch 1913: 112–113, 1914: 231–241; Kuhnt 1913: 1055; Lacordaire 1866: 379; Letzner 1891: 375; Nordlinger 1856: 29; Nunberg 1954: 50, 1956c: 160, 168; Nusslin 1911a: 112; Perris 1877a: 415; Pfeffer 1932b: 18, 1942a: 15, 1955a: 186; Portevin 1935: 325; Quaschik 1953: 35; Ratzeburg 1837: 163, 1839: 199; Redtenbacher 1849a: 791, 1849b: 26, 1858: 832, 1874: 375; Reitter 1894a: 72, 1913a: 69, 1916: 289; Rhumbler 1922: 334, 1927: 351; Rupertsberger 1879: 231, 1880: 229; Saalas 1913a: 69, 83; Schedl 1934f: 1639, 1952f: 87, 1964a: 99; Seidlitz 1872: 393, 1891a: 563, 1891b: 608; Sharp 1879: 101; Sokanovskii 1954: 17; Spesivtsev 1922: 471, 491, 1925a: 171, 1931: 47–48; Stark 1952: 289; Stierlin 1898: 438; Thomson 1868: 219, 1871: 393. (ms) Escherich 1932b.

grothi Hagedorn 1904a: 232 (*Cryphalus*). Syntypes, sex?; Deutschl. [Osdorf near Hamburg]: Hamburg Museum, lost. Synonymy: Reitter 1913a: 69.

Notes: (3) Hansen 1955: 180 (treated this as a good species).

References: (ay) Eichelbaum 1905: 248–250; Klimesch 1914: 236, 238; Nunberg 1928a: 140; Nusslin 1911a: 58, 89, 278, 337, 378. (cn) Barbey 1925: 566. (ec) Kleine 1908c: 187, 1909a: 46, 1944: 82. (hb) Barbey 1925: 566; Hagedorn 1904a: 232; Palm 1956: 63. (ds) Bejer-Petersen & Jorum 1977: 24; Bucking 1932; Hagedorn 1910d: 43; Hansen, V. 1956: 178, 1964: 462; Heyden, Reitter, & Weise 1906: 711; Horion 1960: 162; Jazentkovsky 1912: 288; Klefbeck & Sjöberg 1960: 230; Kleine 1912a: 263, 267, 1913b, 1934a: 146; Klimesch 1913: 106–116; Kozikowsky & Kuntze 1925: 20; Lundgren 1988; Mahler 1987: 232; Munster 1922b; Negru 1965: 114; Palm 1956: 63, 1959: 24, 350; Pfeffer 1989a: 85; Rohrig 1955: 37; Rydh 1977; Schilsky 1909: 188; Strand 1963: 91. (tx) Balachowsky 1949a: 215; Endrodi 1957b: 416; Hagedorn 1904a: 232, 1910a; Hansen, V. 1955: 180, 1956: 178, 1964: 462; Klimesch 1913: 106; Lundgren 1988; Nunberg 1928a: 140; Nusslin 1911a: 58, 89, 278, 337, 378; Reitter 1913a: 69; Schedl 1934f: 1639.

spiculatus Eggers 1927d: 122. Lectotype ♂; Klana (Krain); USNM, Washington, designated by Anderson & Anderson 1971: 30. Synonymy: Sokanovskii 1954: 17.

References: (bv) Grune 1979: 101. (cn) Grandi 1951. (hb) Grandi 1951; Stark 1952: 285. (ds) Arnoldi et al. 1955: 695; Grune 1979: 101; Horion 1951; Kleine 1934a: 147; Postner 1974: 428; Reitter 1916: 350; Sainte-Claire & Mequignon 1938: 446; Stark 1952: 285. (tx) Anderson, W. H. & Anderson 1971: 30; Balachowsky 1949a: 217; Eggers 1927d: 122; Grune 1979: 101; Nunberg 1956c: 159–160, 168; Pfeffer 1955a: 185, 188; Postner 1974: 428; Reitter 1916: 350; Schedl 1934f: 1639, 1979c: 234; Sokanovskii 1954: 17; Stark 1952: 285.

berezinae Stark 1952: 285. Holotype, sex?; Archangel [USSR]; IZL, Leningrad. Synonymy: Sokanovskii 1954: 17.

References: (bv) Grune 1979: 101. (hb) Stark 1952: 285. (ds) Grune 1979: 101; Postner 1974: 428; Stark 1952: 285. (tx) Grune 1979: 101; Hansen, V. 1956: 179; Pfeffer 1955a: 185; Postner 1974: 428; Sokanovskii 1954: 17; Stark 1952: 285.

dejevi Stark 1936: 152. Lectotype, sex?; Asiatic Russia: Sejang Mt., Margassan R.; IZL, Leningrad, designated by Michalski 1969a: 892.

Distribution: Asia (Sakhalin Island, Siberia in E USSR).

Hosts: *Salix sachalinensis*.

Notes: (3) Original publication not seen by us; Stark 1952: 284 spelled the name *deevi*.

References: (hb) Kurenzov & Kononov 1961: 600. (ds) Krivolutsкая 1983; Kurenzov & Kononov 1961: 595; Stark 1936c: 152; Yanovskii & Tegshzhargal 1985: 409; Zinovjev 1955: 187. (tx) Krivolutsкая 1958: 153; Kurenzov 1941a: 232; Michalski 1969b: 567, 1970: 892; Pfeffer 1944: 131; Schedl 1952k: 158; Sokanovskii 1954: 17, 1960: 676; Stark 1936: 152, 1951: 299, 1952: 284. *dejevi* Eggers 1942c: 31. Syntypes 2, sex?; Baikalgebiet (Sajon), Siberia, USSR; Eggers Collection, both in NHMW, Wien. Synonymy: Pfeffer 1944a: 131.

References: (hb) Stark 1952: 284. (ds) Stark 1952: 284. (tx) Eggers 1942c: 31; Pfeffer 1944a: 131; Schedl 1952k: 158; Stark 1952: 284–299. (ms) Pfeffer 1944a: 131, 1979c: 76.

grandis Schedl 1964a: 99. Holotype ♀; Alger; MNHN, Paris.

Distribution: Africa (Algeria, Morocco).

References: (tx) Schedl 1964a: 99.

granulatus (Ratzeburg) 1837: 164 (*Bostrichus*). Syntypes, sex?; Passau, Linz, in Sweden; not located.

Figures: Balachowsky 1949a: 210, 216, Grune 1979: 102.

Distribution: Africa (Egypt), Europe (Bulgaria/ Czechoslovakia/ Denmark/ England/ Finland/ France/ Germany/ Greece/ Hungary/ Italy/ Norway/ Poland/ Spain/ Sweden/ W USSR).

Hosts: *Populus alba*, *P. pyramidalis*, *P. tremula*.

References: (ay) Escherich 1923b: 483; Heeger 1866; Klimesch 1914: 218, 237. (bv) Grune 1979: 103; Hellen 1921. (cn) Chararas 1972; Escherich 1923b: 483; Grandi 1951; Hellen 1921; Nusslin 1913: 291; Rhumbler 1922: 334, 1927: 351; Schwerdtfeger 1944a: 175, 1957a: 182; Wachtl 1901: 381. (ec) Balazy & Michalski 1960; Kleine 1908c; Krivolutsкая 1974; Krivosheina 1974; Michalski & Ratajczak 1989; Nosek 1959a: 118, 1959b: 86; Nusslin 1927: 351; Pfeffer 1923a: 331, 1928b: 2; Ruhm 1956b: 4; Schwerdtfeger 1944a: 175, 1957a: 182. (hb) Altum 1881c: 322; Budge 1949; Dombrowsky 1887, 1889; Eichhoff 1881a: 46, 188; Escherich 1923b: 483; Grandi 1951; Györfi 1957; Heeger 1866; Henschel 1895a: 170; Karpinski 1933b: 28; Karpinski & Strawinski 1948: 155; Klimesch 1915: 6; Kostin 1960: 132; Lengerken 1939: 63, 1954: 84; Munro 1926: 62; Nosek 1959a: 118, 1959b: 86; Nusslin 1913: 291, 1927: 351; Palm 1949: 240, 1956: 63; Pfeffer 1942a: 15; Ratzeburg 1837: 164, 1839: 199; Rhumbler 1922: 334, 1927: 351; Saalas 1913a: 69, 83; Schedl 1981b: 73; Schwerdtfeger 1944a: 175, 1957a: 182, 1981: 188; Stark 1926a: 334, 1952:

- 288; Wachtl 1876a: 458, 1901: 381. (**ds**) Allen, A. A. 1954, 1977; Arnoldi 1955: 694; Balazy & Michalski 1960; Barthe 1896; Buresh & Lazarov 1956; Calwer 1884, 1893; Eggers 1904; Endrodi 1958b; Ericson & Sandin 1893; Escherich 1923: 483, 1932b; Forster 1849: 439; Fowler 1891; Gaubil 1849: 126; Gemminger & Harold 1872: 2683; Gozis 1875: 80; Grill 1895: 309; Grune 1979: 103; Hagedorn 1904e, 1904f, 1910d: 43; Hansen, V. 1939, 1956: 183; Hellen 1947; Henschel 1895a: 170; Heyden, Reitter, & Weise 1883: 181, 1891: 671, 1906: 711; Horion 1951; Kangas 1946a: 36; Karpinski 1931: 20, 27, 1932b: 54, 1933b: 28, 1948b: 230; Karpinski & Strawinski 1948: 155; Kestercanek 1881a: 12; Kleine 1912a: 263, 267, 1913a: 35, 1913b: 123, 1934a: 147; Kloft & Hinks 1945: 218; Kraatz 1869: 59; Kurenzov 1936b: 350; Lacordaire 1866: 379; Langhoffer 1915c: 158; Leclercq 1971; Lonnicki 1913b: 148; Lucht 1987: 278; Lundblad 1950c: 115; Matthews & Fowler 1883: 42; Munster 1928: 289; Negru 1965: 114, 1968c: 91; Nunberg 1928b: 88, 107, 1954: 50, 1956c: 157, 1960b: 156; Palm 1949: 240, 1950: 143, 1956: 63; Perris 1876a: 254, 1877a: 414; Pfeffer 1923b: 106, 1924a: 96, 1924b: 471, 1928b: 2, 1931b: 73, 1936: 90, 1989a: 85; Pittioni 1943: 176; Postner 1974: 428; Ratzeburg 1837: 164, 1839: 199; Redtenbacher 1858: 832, 1874: 375; Reitter 1894a: 72, 1916: 289; Rohrig 1955: 37; Roubal 1941: 264; Saalas 1913a: 69, 83, 1931: 67; Sainte-Claire & Mequignon 1938: 446; Schaufuss 1915: 1233; Schaum 1859: 96, 1862: 101; Schedl 1980a: 16, 1981b: 73; Scheerpeltz & Winkler 1930: 257; Schilsky 1890: 196, 1909: 188; Schwerdtfeger 1981: 188; Seidlitz 1872: 393, 1891a: 563; Sharp 1871: 84; Sharp & Fowler 1893: 34; Sokanovskii 1960; Stark 1926a: 334, 1926j: 126, 1952: 288; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 438; Teocchi 1965b; Tredl 1907: 13; Wachtl 1876a: 458; West 1938: 184; Wichmann 1927a: 68; Winter, T. G. 1983: 28; Yanovskii & Tegshzhargal 1985: 410. (**tx**) Allen, A. A. 1965b; Bach 1854; Balachowsky 1949a: 215; Berger 1917: 226–248; Doeblner 1860; Dombrowsky 1887, 1889; Duffy 1953; Eggers 1915c: 188, 1927d: 121, 1942c: 31; Eichhoff 1878b: 44, 137, 1881a: 46, 188, 1883a: 110, 133; Endrodi 1957b; Escherich 1923b: 483; Fauvel 1889; Ferrari 1967b: 113; Fleischer 1927; Formanek 1907: 36; Grune 1979: 102–103; Hagedorn 1910a: 86; Hansen, V. 1955, 1956; Henschel 1895a: 170; Hopkins 1915b: 36–37; Karpinski & Strawinski 1948: 155; Klimesch 1913: 106, 1914: 231–241, 1915: 6–13; Kuhnt 1913: 1056; Kurenzov 1941: 232; Lacordaire 1866: 379; Lucht 1987: 278; Nunberg 1954: 50; Perris 1877a: 414; Pfeffer 1932b: 18, 1942a: 15, 1955a: 187; Portevin 1935: 325; Postner 1974: 428; Quaschik 1953: 35; Ratzeburg 1837: 164, 1839: 199; Redtenbacher 1849a: 792, 1849b: 26, 1858: 832, 1874: 375; Reitter 1894a: 72, 1913a: 67, 69–70, 1916: 289; Rhumbler 1922: 334, 1927: 351; Saalas 1913a: 69, 83, 1914: 23, 305; Schedl 1934f: 1639, 1964a: 99, 1980a: 16, 1981b: 73; Seidlitz 1872: 393, 1891a: 563, 1891b: 608; Sokanovskii 1954: 17, 1960: 671; Spessivtsev 1922a: 471, 491, 1925a: 172, 1931: 48; Stark 1952: 288; Stierlin 1898: 438; Thomson 1871: 393. (**ms**) Escherich 1932b; Hellen 1921. *tredli* Reitter 1908: 55. Syntypes, sex?, Agypien: Cairo; NHMB, Budapest. Synonymy: Hagedorn 1904f: 232, Reitter 1913: 69. References: (**hb**) Hagedorn 1904f: 232. (**ds**) Negru 1965: 114; Schilsky 1909: 188. (**tx**) Balachowsky 1949a: 216; Reitter 1908: 55, 1913a: 67; Schedl 1934f: 1639. *bispinulus* Eggers 1927d: 121. Syntypes, sex?, Finland; 2 in Eggers Collection, in NHMW, Wien. Synonymy: Sokanovskii 1954: 17, Nunberg 1956c: 159. Notes: (3) Hansen 1955: 182 (treated as a good species). References: (**bv**) Grune 1979: 103. (**cn**) Saalas 1949: 342, 372. (**ec**) Kangas 1940a, 1941, 1942a; Nuorteva 1957b: 68; Saalas 1949: 342, 372. (**hb**) Karpinski & Strawinski 1948: 155; Palm 1949: 239, 1950: 142; Saalas 1949: 342, 372; Stark 1952: 288. (**ds**) Arnoldi et al. 1955: 694; Grune 1979: 103; Hansen, V. 1939, 1956: 182; Hellen 1947; Kangas 1940: 32–34, 1941: 359–365, 1946a: 36, 1966d; Karpinski 1948a: 173; Karpinski & Strawinski 1948: 155; Klefbeck & Sjöberg 1960: 230; Lundberg 1981: 151; Nuorteva 1971: 71; Palm 1949: 239, 1950: 142, 1959: 24, 350; Pfeffer 1955a: 185; Postner 1974: 428; Stark 1952: 288; Yanovskii 1977a. (**tx**) Eggers 1927d: 121–122; Grune 1979: 103; Hansen, V. 1955, 1956; Karpinski & Strawinski 1948: 155; Nunberg 1956c: 157, 159, 167; Postner 1974: 428; Saalas 1949: 342, 372; Schedl 1934f: 1639, 1979c: 41; Sokanovskii 1954: 17; Stark 1952: 288. *klimeschi* Eggers 1915c: 188. Holotype ♂: Alai im Ferganagebiet (Russisch-Turkestan); Eggers Collection, in NHMW, Wien. Distribution: Asia (Turkestan in W USSR). Hosts: *Elaeagnus* sp., *Populus diversifolia*, *P. pruinosa*, *P. suaveolens*, *Tamarix* sp. References: (**cn**) Yagdyev 1984. (**hb**) Stark 1952: 287. (**ds**) Kadyrov 1988: 43, 1989; Stark 1952: 287. (**tx**) Eggers 1915c: 188, 1933f: 6; Schedl 1934f: 1639, 1979c: 134; Sokanovskii 1954: 22; Stark 1952: 287. *kurenzovi* Nunberg 1956d: 208. Lectotype, sex?, Ussuri, USSR; ISBN, Novosibirsk, USSR, and IZL, Leningrad/St. Petersburg, automatic, designated by Michalski 1969a: 893. Distribution: Asia (Japan/ Siberia, Ussuri in E USSR). Hosts: *Populus tremula*.

Notes: (1) Original spelling was *kurenzovi*; corrected here to conform to Dr. Kurenzov's spelling of his own name.

References: (tx) Krivolutsкая 1983; Michalski 1969b: 568; Nobuchi 1985c: 11; Nunberg 1956d: 208; Schedl 1959r: 42, 1962p: 204.

populi Kurenzov 1941a: 30, 164. Lectotype, sex?; Ussuri, USSR; ISBN, Novosibirsk, USSR, and IZL, Leningrad/St. Petersburg, preoccupied by Hopkins 1915, designated by Michalski 1969a: 893.

References: (hb) Kurenzov 1948b: 113; Stark 1952: 286; Wood, S. L. 1953: 63, 1954a: 993. (ds) Keen 1929c: 29; Kleine 1934a: 147; Nobuchi 1966: 54; Stark 1952: 286; Wood, S. L. 1948: 45, 1951a: 128. (tx) Keen 1929c: 29; Kurenzov 1941a: 30, 163–164, 1948b: 113; Michalski 1969a: 893, 1969b: 567; Nunberg 1956: 208; Schedl 1959r: 42; Stark 1952: 286; Wood, S. L. 1953: 63, 1954a: 993.

kurenzovi Schedl 1959r: 42. Lectotype, sex?; Ussuri, USSR; ISBN, Novosibirsk, USSR, and IZL, Leningrad/St. Petersburg, preoccupied by Nunberg 1956, designated by Michalski 1969a: 893.

References: (tx) Michalski 1969a: 893; Schedl 1959r: 42.

niger Stark 1936e: 152. Lectotype, sex?; Far East: Vladivostok, Schkotov; IZL, Leningrad, designated by Michalski 1969a: 893.

Distribution: Asia (Siberia in E USSR).

Hosts: *Salix* sp.

References: (ec) Kurenzov 1934a: 50. (hb) Kurenzov 1935a: 19, 30, 1948b: 113; Stark 1952: 282. (ds) Kurenzov 1934a: 50, 1935a: 19, 30; Stark 1936e: 152, 1952: 282. (tx) Kurenzov 1941a: 163–164, 1948b: 113; Michalski 1969b: 568, 1970: 542; Pfeffer 1944a: 131; Sokanovskii 1954: 17; Stark 1936e: 152, 1952: 282. (ms) Pfeffer 1944a: 131.

palmi Hansen 1956: 183. Holotype ♂; Sweden: Ostergotland, Uppland, Jamtland; Hansen Collection.

Distribution: Europe (Finland/ Sweden).

Hosts: *Populus tremula*.

Notes: (1) This is probably a synonym of *granulatus*.

References: (hb) Palm 1956: 63. (ds) Hansen, V. 1956: 183; Kangas 1966d: 138; Karppinen 1966: 331; Klefbeck & Sjöberg 1960: 203; Nuorteva 1971: 71; Palm 1956: 63, 1959: 19, 24, 350. (tx) Hansen, V. 1955, 1956: 183.

populi Hopkins 1915b: 37. Holotype ♀; Williams, Arizona [USA]; USNM, Washington.

Figures: Krivolutsкая & Kupyanskaya 1970, Nobuchi 1966e: pl. 2.

Distribution: North America (Manitoba, New Brunswick, Saskatchewan in Canada/ Arizona, Colorado, Idaho, Montana, Nevada, Utah in USA).

Hosts: *Populus acuminata*, *P. angustifolia*, *P. tremuloides*, *P. trichocarpa*.

References: (bv) Petty, J. L. 1977. (cn) Doane et al. 1936. (ec) Tomalak, Welch, & Galloway 1989: 11. (hb) Doane et al. 1936; Furniss, M. M. & Johnson 1987: 380; Gast et al. 1989: 384; Harrison 1959: 80; Petty, J. L. 1977; Stewart, D. A., Booth, & Petty 1979; Wood, S. L. 1982b: 853. (ds) Atkinson & Equihua 1985c: 356; Bright 1976d: 109; Chamberlin 1939: 323; Furniss, M. M. & Johnson 1987: 380; Furniss, R. L. & Carolin 1977: 378; Gast et al. 1989: 384; Krivolutsкая & Kupyanskaya 1970; Nobuchi 1966e: 414, pl. 2; Wood, S. L. 1972a: 414, 1982b: 853. (tx) Bright 1976d: 109; Chamberlin 1939: 323; Hopkins 1915b: 36–37; Wood, S. L. 1951a: 128, 1954a: 990, 993, 1972a: 414, 1982b: 853. (ms) Stewart, D. A., Booth, & Petty 1979.

rybinskii Reitter 1894a: 72. Syntypes, sex?; Galizien: Tarnow; NHMB, Budapest.

Figures: Grune 1979: 98.

Distribution: Europe (Austria/ Corsica/ Czechoslovakia/ France/ Hungary/ Italy/ Poland/ Spain/ W USSR).

Hosts: *Alnus suaveolens*, *A. viridis*, *Salix silesiaca*.

References: (ay) Klimesch 1914: 218, 237. (bv) Grune 1979: 99. (cn) Nosek 1952b: 100; Nusslin 1913: 291; Rhumbler 1922: 334, 1927: 351; Wachtl 1901: 381. (ec) Kleine 1908c: 187, 1909a: 46, 76, 1944: 70, 1952b: 100, 1959a: 118; Nusslin 1927: 351; Pfeffer 1932a: 19, 1943b: 181; Rybinski 1897: 61. (hb) Formanek 1899; Karpinski & Strawinski 1948: 155; Klimesch 1915: 11; Lengerken 1939: 63, 1954: 84; Nosek 1959a: 118; Nusslin 1913: 291, 1927: 351; Pfeffer 1942a: 15; Rhumbler 1922: 334, 1927: 351; Stark 1952: 283; Wachtl 1901: 381. (ds) Endrodi 1958b; Escherich 1932b; Grune 1979: 99; Hagedorn 1910d: 45; Heyden, Reitter, & Weise 1906: 711; Horion 1951; Karpinski & Strawinski 1948: 155; Kleine 1913a: 35, 1913b: 123, 1934a: 147; Lomnicki 1913b: 148; Lucht 1987: 278; Nunberg 1928b: 88, 1954: 50; Pfeffer 1930b: 119, 1931b: 73, 1935: 158, 1989a: 84; Pittioni 1943: 176; Reitter 1894a: 72, 1916: 289; Roubal 1941: 264; Schaufuss 1915: 1233; Schedl 1980a: 16, 1981b: 73; Schilsky 1909: 188; Stark 1952: 283; Tredl 1907: 13. (tx) Balachowsky 1949a: 215–216; Endrodi 1957a: 307, 1957b; Fleischer 1927; Formanek 1907: 36; Grune 1979: 98–99; Hagedorn 1910a: 87; Karpinski & Strawinski 1948: 155; Lucht 1987: 278; Michalski 1969a: 893; Nunberg 1954: 50; Pfeffer 1932b: 19, 1942a: 15, 1955a: 185; Postner 1974: 428; Reitter 1894a: 72, 1913a: 70, 1916: 289; Rhumbler 1922: 334, 1927: 351; Schedl 1934f: 1639, 1980a: 16, 1981b: 73; Schmidt, G. 1980: 26; Sokanovskii 1954: 17; Stark 1952: 283. (ms) Escherich 1932b; Schimitschek 1930b: 407. *corsicus* Eggers 1912b: 113. Holotype, sex?; Mt.

- Renoso auf Corsica: Leonhard Collection in IPKE, Eberswalde. Synonymy: Balachowsky 1949a: 216.
References: **(ds)** Kleine 1913b: 123, 1934a: 147; Sainte-Claire 1914: 472; Sainte-Claire & Mequignon 1938: 446. **(tx)** Balachowsky 1949a: 216; Eggers 1912b: 113; Portevin 1935: 325; Reitter 1913a: 70; Schedl 1934f: 1639; Wichmann 1912c: 186.
- rybinskii salicis* Stark 1952: 283. Syntypes, sex?; USSR; IZL, Leningrad, preoccupied by Hopkins 1915.
References: **(tx)** Stark 1952: 283.
- salicis** Hopkins 1915b: 36. Holotype ♀; Del Monte, California [USA]; USNM, Washington.
Distribution: North America (California, Oregon, Washington in USA).
Hosts: *Alnus* sp., *Salix* sp.
References: **(cn)** Doane et al. 1936. **(hb)** Wood, S. L. 1953: 60, 1954a: 991. **(ds)** Bright 1976d: 109; Chamberlin 1939: 323, 1958: 131; Furniss, R. L. & Carolin 1977: 378; Keen 1934a: 147; Wood, S. L. 1972a: 414, 1982b: 852. **(tx)** Bright 1976d: 109; Chamberlin 1939: 323, 1958: 131; Hopkins 1915b: 36; Wood, S. L. 1953: 60, 1954a: 959, 979, 990–991, 1972a: 414, 1982b: 852.
- concentralis* Hopkins 1915b: 36. Holotype ♂; Easton, Washington [USA]; USNM, Washington. Synonymy: Wood 1954a: 991.
References: **(hb)** Chamberlin 1939: 324; Wood, S. L. 1953: 60. **(ds)** Chamberlin 1939: 324; Patterson & Hatch 1945: 152. **(tx)** Chamberlin 1939: 324; Hopkins 1915b: 36; Wood, S. L. 1953: 60, 1954a: 991.
- striatulus** (Mannerheim) 1853: 235 (*Cryphalus*). Holotype, sex?; Kenai Peninsula, Alaska; not in Helsinki Museum, presumably lost.
Figures: Bright 1976d: 202, 209 (adult).
Distribution: North America (Alaska/ Newfoundland, Nova Scotia, Quebec, Yukon in Canada/ Colorado, Idaho, Minnesota, Oregon, Utah in USA).
Hosts: *Alnus crispa*, *A. rugosa*, *Salix scouleriana*.
References: **(cn)** Felt 1901: 516, 1906: 676, 650, 673; Swaine 1918a: 90. **(hb)** Chamberlin 1939: 315; Schwarz 1894b: 255; Swaine 1918a: 90; Wood, S. L. 1954a: 996, 1982b: 851. **(ds)** Blatchley & Leng 1916: 606; Bright 1976d: 109; Chamberlin 1925, 1939: 315; Elias 1985: 39; Furniss, R. L. & Carolin 1977: 378; Gemminger & Harold 1872: 2683; Hagedorn 1910d: 45; Hamilton 1894c: 35; Henshaw 1885: 148; Kleine 1913b: 118, 1914b: 397, 1934a: 142; Lacordaire 1866: 379; Swaine 1909: 92; Wood, S. L. 1982b: 851. **(tx)** Blatchley & Leng 1916; Bright 1976d: 109, 202, 209; Chamberlin 1939: 315; Eichhoff 1878b: 147; Ferrari 1867a: 17; Hagedorn 1910a: 99; Hopkins 1915b: 33; Lacordaire 1866: 379; LeConte 1868: 177, 1876: 362; Mannerheim 1853: 235; Swaine 1909: 92–93, 1912a: 349, 1918a: 89–90; Wood, S. L. 1954a: 989–990, 996, 1969c: 115, 1973c: 186, 1982b: 851.
- nitidus* Swaine 1912a: 349. Lectotype, sex?; Weymouth, Nova Scotia [Canada]; CNCI, Ottawa, designated by Bright 1967b: 679. Synonymy: Wood 1969c: 115.
References: **(cn)** Swaine 1918a: 90. **(hb)** Chamberlin 1939: 323, 1958: 131; Swaine 1918a: 90; Wood, S. L. 1953: 57, 1954a: 990. **(ds)** Beaulne 1956; Blatchley & Leng 1916: 605; Chamberlin 1939: 323, 1958: 131; Dodge 1983; Kleine 1913b: 123, 1914b: 399, 1934a: 147; Wood, S. L. 1972a: 414. **(tx)** Blatchley & Leng 1916: 605; Bright 1967b: 679; Chamberlin 1939: 323, 1958: 131; Dodge 1983: 16, 39–40; Hoebeke 1978; de Ruelle 1970: 114; Swaine 1912a: 349–350, 1918a: 90; Wood, S. L. 1953: 57, 1954a: 959, 990, 1969c: 115, 1972a: 414, 1973c: 186.
- punctipennis* Hopkins 1915b: 37. Holotype ♀; Alta, Utah [USA]; USNM, Washington. Synonymy: Wood 1954a: 990.
References: **(hb)** Chamberlin 1939: 323; Wood, S. L. 1953: 58. **(ds)** Chamberlin 1939: 323; Wood, S. L. 1948: 44, 1951a: 128. **(tx)** Chamberlin 1939: 323; Hopkins 1915b: 36–37; Wood, S. L. 1951a: 126, 1953: 58, 1954a: 990.
- thatcheri** (Wood) 1954a: 990, 994 (*Cryphalus*). Holotype ♀; 2 miles NW Blue Lake, Lassen County, California [USA]; SMUK, Lawrence.
Distribution: North America (British Columbia in Canada/ California, N Idaho, Oregon in USA).
Hosts: *Populus tremuloides*, *P. trichocarpa*.
References: **(hb)** Bright & Stark 1973: 66; Wood, S. L. 1953: 66, 1954a: 994. **(ds)** Bright 1976d: 110; Bright & Stark 1973: 66; Furniss, R. L. & Carolin 1977: 389; Wood, S. L. 1982b: 854. **(tx)** Bright 1976d: 110; de Ruelle 1970: 100; Wood, S. L. 1953: 66, 1954a: 990, 994, 1982b: 854.
- tremulae** Stark 1952: 287. Lectotype, sex?; Crimea, USSR; IZL, Leningrad, designated by Michalski 1969a: 893.
Distribution: Europe (Crimea in W USSR).
Hosts: *Populus tremula*.
Notes: (3) Sokanovskii 1954: 17 (treated as a synonym of *granulatus*).
References: **(bv)** Grune 1979: 101. **(hb)** Stark 1952: 287. **(ds)** Grune 1979: 101; Pfeffer 1989a: 85; Postner 1974: 428; Stark 1952: 289. **(tx)** Grune 1979: 101; Michalski 1969b: 568, 1969a: 893; Pfeffer 1955a: 188; Postner 1974: 428; Sokanovskii 1954: 17; Stark 1952: 287.

Genus *Procryphalus* Hopkins

- PROCYPHALUS HOPKINS 1915b: 7, 33. Type-species: *Procryphalus populi* Hopkins, original designation.
Keys: Hopkins 1915b: 33, Wood 1954a: 982, 1982b: 859 for North America.
References: **(hb)** Bright & Stark 1973: 67; Wood,

S. L. 1986a: 89. (**ds**) Bright & Stark 1973: 67; Wood, S. L. 1982b: 859, 1986a: 89. (**tx**) Arnett 1960: 1043, 1968: 1043; Balachowsky 1949a: 201; Bright 1976d: 111; Hopkins 1915b: 7, 33–34; Swaine 1918a: 45, 90; Wood, S. L. 1954a: 981, 1982b: 859, 1986a: 89.

fraxini (Berger) 1916: 238 (*Ernoporius*). Lectotype, sex?; Ussuri, USSR; IZL, Leningrad, designated by Michalski 1969a: 892.

Figures: Tsai & Li 1959: 92.

Distribution: Asia (Heilongjiang, Jilin in China/ Ussuri in E USSR).

Hosts: *Fraxinus mandshurica*.

References: (**cn**) Kurenzov 1935c: 189, 1951c: 79. (**ce**) Kurenzov 1934a: 50, 1951d: 24. (**hb**) Kurenzov 1935a: 19, 33, 1948b: 128, 1951d: 24; Stark 1952: 273. (**ds**) Kleine 1934a: 147; Kurenzov 1934a: 50, 1935a: 19, 33, 1935c: 189, 1936a: 110, 1936b: 350, 1938a: 59, 1940: 77; Stark 1952: 273; Yin, Huang, & Li 1984: 118. (**tx**) Berger 1916: 238; Kurenzov 1941a: 156, 1948b: 128; Michalski 1969a: 892; Schedl 1934f: 1639, 1962r: 91; Stark 1952: 273; Tsai & Li 1959: 92.

mucronatus (LeConte) 1879: 518 (*Cryphalus*). Holotype ♀; La Veta Pass, Colorado [USA]; MCZ, Cambridge.

Figures: Kusch 1967: 10.

Distribution: North America (Alaska/ Alberta, British Columbia in Canada/ Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah in USA).

Hosts: *Populus tremuloides*.

References: (**bv**) Petty, J. L. 1977. (**hb**) Chamberlin 1939: 322, 1958: 136; Furniss, M. M. & Johnson 1987: 379; Gast et al. 1989: 384; Petty, J. L. 1977; Wood, S. L. 1953: 46, 1954a: 984, 1982b: 859. (**ds**) Bright 1976d: 111; Chamberlin 1939: 322, 1958: 136; Furniss, M. M. & Johnson 1987: 379; Furniss, R. L. & Carolin 1977: 377; Gast et al. 1989: 384; Hagedorn 1910d: 44; Henshaw 1882: 269, 1885: 148; Kleine 1913b: 118; Kusch 1967; Schwarz 1886: 42; Swaine 1909: 92; Wickham 1896a: 309; Wood, S. L. 1972a: 414. (**tx**) Bright 1976d: 111; Chamberlin 1939: 322, 1958: 136; Hagedorn 1910a: 87; Hopkins 1915b: 33; Kusch 1967: 10; LeConte 1879: 518; Schwarz 1886: 42; Swaine 1909: 92; Wood, S. L. 1953: 46, 1954a: 959, 984, 1982b: 859.

idahoensis Hopkins 1915b: 34. Holotype ♀; Beaver Canyon, Idaho [USA]; USNM, Washington. Synonymy: Wood 1954a: 985.

References: (**hb**) Chamberlin 1939: 321. (**ds**) Chamberlin 1939: 321. (**tx**) Chamberlin 1939: 321; Hopkins 1915b: 33–34; Wood, S. L. 1954a: 959, 984.

populi Hopkins 1915b: 34. Holotype ♂; Tercio, Colorado [USA]; USNM, Washington. Synonymy: Wood 1954a: 985.

References: (**cn**) Doane et al. 1936. (**hb**)

Chamberlin 1939: 321; Doane et al. 1936. (**ds**) Chamberlin 1939: 321; Keen 1929c: 29; Kleine 1934a: 148; Wood, S. L. 1948: 42, 1951a: 128. (**tx**) Balachowsky 1949a: 201; Chamberlin 1939: 321; Hopkins 1915b: 33–34; Keen 1929: 29; Wood, S. L. 1951a: 128, 1954a: 959, 982–984.

utahensis Hopkins 1915b: 33. Holotype ♀; Alta, Utah [USA]; USNM, Washington.

Figures: Bright 1976d: 202, 209 (adult).

Distribution: North America (Alaska/ British Columbia, Quebec in Canada/ California, Idaho, Oregon, South Dakota, Utah in USA).

Hosts: *Salix scouleriana*, S. sp.

Notes: Hopkins 1915b: 33 (reported from *Acer macrophyllum*, an error); breeds only in *Salix*.

References: (**hb**) Bright & Stark 1973: 67; Chamberlin 1939: 321, 1958: 136; Wood, S. L. 1953: 44, 1954a: 983. (**ds**) Bright 1976d: 111; Bright & Stark 1973: 67; Chamberlin 1939: 321, 1958: 136; Furniss, R. L. & Carolin 1977: 378; Keen 1929c: 29; Wood, S. L. 1951a: 128, 1972a: 414, 1982b: 859. (**tx**) Bright 1976d: 111, 202, 209; Chamberlin 1939: 321, 1958: 136; Hopkins 1915b: 33; Keen 1929c: 29; Wood, S. L. 1951a: 128, 1953: 44, 1954a: 959, 979, 983, 1972a: 414, 1979a: 22, 1982b: 859. **salicis** Hopkins 1915b: 33. Holotype ♀; Black Hills, South Dakota [USA]; USNM, Washington. Synonymy: Wood 1954a: 983.

References: (**cn**) Doane et al. 1936. (**hb**) Chamberlin 1939: 321; Doane et al. 1936. (**ds**) Chamberlin 1939: 321. (**tx**) Chamberlin 1939: 321; Hopkins 1915b: 33; Wood, S. L. 1954a: 983. **aceris** Hopkins 1915b: 33. Holotype ♀; Albany, Oregon [USA]; USNM, Washington. Synonymy: Wood 1975a: 22.

References: (**cn**) Doane et al. 1936. (**hb**) Chamberlin 1939: 321, 1958: 136; Doane et al. 1936; Wood, S. L. 1953: 42, 1954a: 982. (**ds**) Chamberlin 1917: 355, 1939: 321, 1958: 136; Keen 1929c: 29; Kleine 1934a: 148; Wood, S. L. 1972a: 414. (**tx**) Chamberlin 1939: 321, 1958: 136; Hopkins 1915b: 33; Keen 1929c: 29; Wood, S. L. 1953: 42, 1954a: 979, 982, 1972a: 414, 1975a: 22.

Genus *Ernoporius* Berger

ERNOPORICUS BERGER 1917: 242. Type-species:

Ernoporius spessitzzevi Berger, monobasic.

Eocryphalus Kurenzov 1941a: 161, 230. Type-species: *Eocryphalus semenovi* Kurenzov, monobasic. Synonymy: Schedl 1962r: 93.

References: (**tx**) Krivolutsкая 1958: 148; Kurenzov 1941a: 161, 230; Schedl 1962r: 93–94.

Ernopocerus Balachowsky 1949a: 211. Type-species: *Ernoporius caucasicus* Lindemann, subsequent designation by Wood 1954a: 986. Synonymy: Wood 1980c: 93.

References: (**tx**) Balachowsky 1949a: 211;

- Nunberg 1958: 485; Schedl 1958k: 142, 1962r: 90; Wood, S. L. 1954a: 980.
- Keys: Balachowsky 1949a: 211, Reitter 1913a: 68, Stark 1952: 271 for Asia and Europe.
- Notes: (3) Kurenzov specimens of *Hypothenemus corni* deposited in the Wood Collection are of *Ernoporicus*.
- References: (ay) Nobuchi 1969a: 57. (hb) Wood, S. L. 1982b: 858, 1986a: 89. (ds) Wood, S. L. 1982b: 858, 1986a: 89. (tx) Arnett 1960: 1043, 1968: 1043; Balachowsky 1949a: 201, 211–213; Berger 1917: 242; Kurenzov 1941a: 161–162, 231; Nunberg 1958: 485; Pfeffer 1989a: 82; Schedl 1960e: 104, 1962r: 95, 1981b: 75; Sokanovskii 1959: 277; Wood, S. L. 1982b: 858, 1986a: 89.
- africanus** Schedl 1977c: 396 (*Stephanorhopalus*). Holotype, sex?; Sudafrika: Natal; Schedl Collection in NHMW, Wien.
- Distribution: Africa (Natal in South Africa).
- Notes: (1) Wood 1983 (notes, p. 13, to *Ernoporicus*, type examined).
- References: (tx) Schedl 1977c: 396.
- alniphagus** Nobuchi 1975: 43. Holotype, sex?; Konseitoge, Gunma pref., Japan; Nobuchi Collection, Iwabaki.
- Figures: Nobuchi 1975: pl. 1, fig. 3.
- Distribution: Asia (Japan).
- Hosts: *Alnus hirsutus*.
- References: (tx) Nobuchi 1975: 43.
- ater** Nobuchi 1975: 43. Holotype, sex?; Sogoya, Chichibu, Saitama pref., Japan; Nobuchi Collection, Iwabaki.
- Figures: Nobuchi 1975: pl. 1, fig. 2.
- Distribution: Asia (Japan).
- Hosts: *Pterocarya rhoifolia*.
- References: (tx) Nobuchi 1975: 42–43.
- capucinus** (Schedl) 1971a: 283 (*Cryphalops*). Holotype, sex?; Central Prov.: Hantane Estate, Kandy; Schedl Collection in NHMW, Wien.
- Distribution: Asia (Sri Lanka).
- References: (tx) Schedl 1971a: 283, 1979c: 52.
- caucasicus** (Lindemann) 1875c: 373 (*Ernoporus*). Syntypes, sex?; Piatigorsk, nordlichen Kaukasus; not located.
- Figures: Grune 1979: 108, Pfeffer 1989a: pl. 6.
- Distribution: Asia (Turkey/ E USSR), Europe (Austria/ Belgium/ Czechoslovakia/ Denmark/ England/ France/ Germany/ Greece/ Hungary/ Italy/ Poland/ Spain/ Sweden/ W USSR).
- Hosts: *Tilia intermedia*, *T. parvifolia*, *T. rubra*, *T. tomentosa*, rare in *Hibiscus syriacus*, *Ulmus montana*.
- Notes: (1) Balachowsky 1949a: 209 (to *Ernoporicus*).
- References: (bv) Grune 1979: 109. (cn) Koppen 1882: 252; Nusslin 1913: 291; Pierce, W. D. 1917: 141; Rhumbler 1922: 334, 1927: 350; Wachtl 1901: 381. (ec) Kleine 1908c: 185; Nosek 1959a: 118, 1959b: 87; Nusslin 1927: 350. (hb) Fuchs 1904a; Gyorf 1957; Karpinski & Strawinski 1948: 155; Lengerken 1939: 63, 1954: 83; Nosek 1959a: 118, 1959b: 87; Nusslin 1913: 291, 1927: 350; Pfeffer 1942a: 18; Postner 1974: 431; Rhumbler 1922: 334, 1927: 350; Stark 1952: 276; Vinogradov-Nikitin 1911: 1472–1477; Wachtl 1901: 381; Wichmann 1910b: 210. (ds) Allen, A. A. 1970; Bakke 1963a; Bedel 1888b: 398, 413; Bejer-Petersen & Jorum 1977: 23; Borchert 1951; Brakman 1966b: 206; Endrodi 1958b; Ermisch 1953; Escherich 1932b; Fuchs 1904a; Grune 1979: 109; Hagedorn 1904e, 1910d: 41; Hansen, V. 1939, 1956, 1964: 462; Hellen 1947; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Horion 1951; Karpinski & Strawinski 1948: 155; Klefbeck & Sjoberg 1960: 230; Kleine 1912a: 303, 1913a: 34, 1934a: 147; Koppen 1882: 282; Leclercq 1971; Lomnicki 1913b: 148; Lovendal 1890c: 210; Lucht 1987: 278; Mahler 1987: 232; Nunberg 1928b: 88, 106, 1954: 54; Palm 1959: 29, 130, 1960: 350; Pfeffer 1924b: 471, 1931b: 74, 1935: 160, 1989a: 83; Pierce, W. D. 1917: 141; Pittioni 1943: 175; Pjatnitskii 1930a: 165; Postner 1974: 431; Reitter 1894a: 71, 1916: 289; Roubal 1935b: 72, 1941: 264; Sainte-Claire & Mequignon 1938: 445; Schaufuss 1915: 1232; Schedl 1961b: 187, 1980a: 15, 1981b: 75; Schilsky 1909: 188; Stark 1927b: 88, 1952: 276; Tredl 1907: 12; West 1983: 184; Wichmann 1910b: 210, 1927a: 66; Winter, T. G. 1983: 11. (tx) Allen, A. A. 1970: 246; Bakke 1964: 121; Balachowsky 1949a: 211–212; Bedel 1887: 191, 1888b: 398, 414; Eggers 1923b: 137; Endrodi 1957a: 307, 1957b; Fleischer 1927; Formanek 1907: 35; Grune 1979: 108–109; Hagedorn 1910a: 85; Hansen, V. 1956, 1964: 462; Karpinski & Strawinski 1948: 155; Kuhnt 1913: 1055; Lindemann 1875c: 321; Lovendal 1890c: 210, 1898: 128; Lucht 1987: 278; Nunberg 1954: 54; Pfeffer 1932b: 18, 1942a: 18, 1955a: 181, 1989a: pl. 6; Pjatnitskii 1932: 295–302; Postner 1974: 431; Reitter 1894a: 71, 1913a: 68–69, 1916: 289; Rhumbler 1922: 334, 1927: 350; Schedl 1934f: 1639, 1958k: 142, 1962r: 90, 1980a: 15, 1981b: 75; Semenov 1902: 271; Spessitvsev 1922a: 473, 491, 1981: 50; Stark 1952: 276; Wood, S. L. 1954a: 986. (ms) Eggers 1910b; Escherich 1932b.
- schreineri** Eichhoff 1881a: 185 (*Cryphalus*). Syntypes, sex?; Hinterpommern; Hamburg Museum, lost. Synonymy: Bedel 1887: 191, Eggers 1923b: 137.
- References: (hb) Dombrowsky 1887; Eichhoff 1881a: 46, 185; Hagedorn 1903a; Henschel 1895a: 168. (ds) Barthe 1896; Grill 1895: 310; Hagedorn 1903a, 1910d: 45; Henschel 1895a: 168; Heyden, Reitter, & Weise 1883: 182, 1891: 671; Kleine 1913a: 85, 1934a: 147; Lovendal 1890c: 210; Pfeffer 1935: 160; Schilsky 1909: 188; Seidlitz 1891a: 562, 1891b: 608. (tx) Balachowsky 1949a: 213; Bedel 1887: 191; Dombrowsky 1887; Eggers 1923b: 137; Eichhoff 1881a: 46, 185, 1883a: 109, 133;

Fauvel 1887, 1889; Hagedorn 1910a: 88; Henschel 1895a: 168; Hopkins 1915b: 35; Loven-
dal 1890c: 210; Schedl 1934f: 1639, 1979c: 222;
Seidlitz 1891a: 562, 1891b: 608. (**ms**) Eggers
1910a, 1910b.

ceylonicus (Schedl) 1959a: 475 (*Ptilopodius*). Syn-
types 2, sex?: Ceylon: Sabargamuva, Millawitiya
Estate; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka).
References: (**tx**) Schedl 1959a: 475, 1979c: 56.

eximius (Schedl) 1942d: 9 (*Erischidius*). Holotype,
sex?: Ost-Java; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java).
Notes: (3) Schedl 1963i: 64 (cited in *Ernoporus*).
References: (**tx**) Schedl 1942d: 9, 1963i: 64,
1979c: 93.

fagi (Fabricius) 1798: 157 (*Apate*). Holotype, sex?:
Saxoniae; UZMC, Copenhagen, missing from its
pin, apparently lost.

Figures: Postner 1974: 431 (adult), Pfeffer
1959a: pl. 6.

Distribution: Asia (Turkey), Europe (Austria/ Bel-
gium/ Bulgaria/ Czechoslovakia/ Denmark/
England/ France/ Germany/ Greece/ Hungary/ N
Italy/ Netherlands/ Norway/ Poland/ Romania/
Sweden/ Switzerland/ W USSR/ Yugoslavia).

Hosts: *Fagus orientalis*, *F. sylvatica*, less common
in *Betula* spp., *Carpinus betulus*, *Quercus cerris*.

References: (**ay**) Burrini et al. 1988; Escherich
1923b: 482, 510; Reichenbach-Klinke 1953: 338.
(**bv**) Grune 1979: 109. (**cn**) Barbey 1925: 508;
Chorbadzhievo 1929; Escherich 1923b: 482, 510;
Georgescu et al. 1957: 357, 407; Gradojevic 1940;
Grandi 1951; Koppen 1882: 252; Kovacevic 1924:
21–22; Marcu 1926c: 64; Nosek 1951: 107, 1952b:
98; Nusslin 1913: 291; Pierce, W. D. 1917: 40;
Puecher Passavalli 1931b: 657; Rhumbler 1922:
334, 1927: 350; Schimitschek 1937c: 52, 1955a:
139, 1955c: 83; Schwerdtfeger 1944a: 174, 1957a:
182; Wachtl 1901: 381; Wichmann 1927b: 361.
(**ce**) Apel 1983; Balazy & Michalski 1964b; Benick
1952; Cooreman 1963: 45; Elliot & Morley 1907;
Gillanders 1906; Hirschmann 1960, 1971a, 1971b;
Hirschmann & Wisniewski 1982, 1983; Kleine
1908c: 185, 1909a: 46, 77, 1944: 73; Michalski &
Ratajczak 1989; Nosek 1951: 107, 1952b: 98,
1959b: 87; Novak, P. 1952: 414; Nusslin 1927:
350; Pfeffer 1923a: 331, 1928b: 9; Ratzeburg
1869a: 176; Rondani 1873: 146; Ruhm 1956b: 4;
Schimitschek 1930a: 281, 1955a: 139; Schwerdt-
feger 1944a: 174, 1957a: 182; Sedlaczek 1915a:
45; Wanka 1920: 202–203; Westerboer 1963: 349.
(**hb**) Altum 1881c: 322; Apel 1983; Bach 1864;
Barbey 1901: 23, 73, 1925: 508; Beffa 1961;
Buddenberg 1885: 97; Cecconi 1906, 1924; Chor-
badzhievo 1929; Dallimore & Munro 1922;
Dombrowsky 1887; Eichhoff 1881a: 46, 184;
Escherich 1923b: 482, 510; Everts 1903: 756;
Fuchs 1904a; Gillanders 1906, 1908; Grandi 1951;

Gyorfi 1957; Hagedorn 1903a; Henschel 1895a:
167; Karpinski & Strawinski 1948: 155; Karsch
1883: 142; Kemner 1919: 176; Knotek 1894a:
558; Lengerken 1939: 63, 1954: 83; Masutti 1964;
Munro 1926: 62; Nordlinger 1856: 26; Nosek
1959b: 87; Nunberg 1929: 105; Nusslin 1898:
280, 1906b: 14, 1913: 291, 1927: 350; Palm 1954a:
184; Pfeffer 1942a: 6; Postner 1974: 431;
Rhumbler 1922: 334, 1927: 350; Schedl 1981b:
75; Schimitschek 1930a: 281, 1955a: 139;
Schwerdtfeger 1944a: 174, 1957a: 182, 1981:
188; Stark 1952: 276; Tschorbadjiev 1929: 166;
Wachtl 1876a: 458, 1901: 381; Wichmann 1927b:
361. (**ds**) Acloque 1896; Andras & Schaefer 1957;
Bangsholt 1975: 95; Barthe 1896; Bau 1888;
Bejer-Petersen & Jorum 1977: 24; Bennett 1902,
1902b: 76; Blanchere & Robert 1889; Borchert
1951; Brakman 1966b: 206; Brancsik 1906; Buck
1955b: 191; Buresh & Lazarov 1956; Calwer 1884,
1893; Cecconi 1897, 1906; Chapuis & Candeze
1853; Chorbadzhievo 1924d, 1929; Crotch 1863;
Dallimore & Munro 1922: 189–193; Dejean 1821,
1825, 1837; Duftschmidt 1825; Eggers 1904;
Endrodi 1958a, 1958b; Ericson & Sandin 1893;
Escherich 1923b: 482, 510, 1932b; Everts 1922:
642; Fleischer 1888; Fowler 1891; Fricken 1889:
343; Fuchs 1904a, 1905a; Gaubil 1849: 126; Gem-
minger & Harold 1872: 2682–2683; Gorham
1860; Gozis 1875: 80; Grill 1895: 310; Hagedorn
1910d: 42; Hansen, V. 1939, 1956, 1964: 462;
Hellen 1947; Henschel 1895a: 167; Heyden 1879:
140; Heyden, Reitter, & Weise 1883: 182, 1891:
671, 1906: 711; Holdhaus & Deubel 1910: 145;
Horion 1951; Jazentkovsky 1912: 288; Kaltenbach
1874: 624; Karpinski 1948b: 230; Karpinski &
Strawinski 1948: 155; Kemner 1919: 176; Kersten
1933: 74; Klefbeck & Sjöberg 1960: 230; Kleine
1912a: 263, 267, 1913a: 34, 1934a: 147; Kloft &
Hinks 1945: 218; Knotek 1892a: 37, 1894a: 558;
Koltze 1901: 153; Koppen 1882: 252; Kozikowsky
1921: 180; Kraatz 1869: 59; Kurir 1947c: 31;
Lacordaire 1866: 379; Leclercq 1971; Lomnicki
1913b: 148; Lucht 1987: 278; Lundberg 1988;
Mahler 1987: 232; Marcu 1926c: 64; Matthews &
Fowler 1883: 42; Munro 1920a: 257; Negru
1966b: 401, 1968a: 456; Nosek 1952: 414; Novak,
P. 1952: 414, 1964; Nunberg 1928b: 88, 1954: 54,
1960b: 156; Nusslin 1898: 280; Orest 1926c: 64;
Palm 1959: 32, 130, 1960: 350; Perris 1876a: 254,
1877a: 414; Pfeffer 1924b: 472, 1928b: 9, 1931b:
74, 1950b: 76, 1989a: 83; Pierce, W. D. 1917: 40;
Pittioni 1943: 175; Postner 1974: 431; Prossen
1913: 83; Rapp 1934: 728; Redtenbacher 1874:
376; Reitter 1869b: 154, 1894a: 71, 1911: 69,
1916: 289; Roubal 1941: 264; Schaufuss 1915:
1232; Schaum 1859: 96, 1862: 101; Schedl 1971b:
530, 1980a: 15, 1981b: 75; Schilsky 1909: 188;
Schiodte 1873: 102; Schwerdtfeger 1981: 188;
Seidlitz 1872: 394, 1891a: 562, 1891b: 608; Sharp
& Fowler 1893: 34; Stark 1952: 276; Stein 1868:

114; Stein & Weise 1877: 164; Stierlin 1898: 439; Stierlin & Gautard 1871: 292; Sturm 1826: 102; Thomson 1865: 360, 1868: 220; Tredl 1907: 12; Tschorbadjev 1929: 166; Wachtl 1876a: 458; West 1938: 184; Westhoff 1882: 238; Wichmann 1927a: 66; Winter, T. G. 1983: 11. (**tx**) Acloque 1896; Allen, A. A. 1970; Apel 1983; Bach 1854, 1864; Balachowsky 1949a: 211; Barbey 1901: 23, 73; Beffa 1961; Bertolini 1872; Chapuis & Candèze 1853; Chorbazdzhevo 1924d; Dejean 1821, 1825; Doebner 1860, 1868: 368; Dombrowsky 1887; Duftschmidt 1825; Eggers 1911a, 1929e, 1939b: 5; Eichhoff 1864: 35, 1868d: 422, 1876a: 378, 1878b: 132, 1881a: 46, 184, 1883a: 109, 133; Endrodi 1957b; Erichson 1836: 62; Escherich 1923b: 482, 510; Everts 1903: 756, 1922: 642; Fabricius 1798: 157, 1801: 383; Fairmaire 1864: 159; Fauvel 1887; Ferrari 1867a: 11, 13, 15, 1867b: 114, 1868: 255–256; Fleischer 1905, 1927; Formanek 1907: 35; Fricken 1889: 343; Gebien 1907: 197; Gillanders 1908; Grune 1979: 109; Hagedorn 1910a: 86; Hansen, V. 1956, 1964: 462; Henschel 1895a: 167; Hopkins 1915b: 35, 1915c: 221; Houlbert 1922a: pl. 1; Jacquelin du Val & Fairmaire 1868: 104; Karpinski & Strawinski 1948: 155; Knotek 1892a: 37; Lacordaire 1866: 379; Letzner 1891: 375; Lindemann 1875c: 321; Lovendal 1889b: 52, 1898: 126; Lucht 1987: 2781; Lundberg 1988; Negru 1966b: 401; Nordlinger 1847: 21, 1848: 242, 1856: 26; Numberg 1954: 54; Perris 1877a: 414; Pfeffer 1932b: 18, 1942a: 6, 1955a: 181, 1989: pl. 6; Portevin 1935: 325; Quaschik 1953: 35; Redtenbacher 1849a: 851, 1849b: 26, 1874: 387; Reitter 1894a: 71, 1913a: 69, 1916: 289; Rhumbler 1922: 334, 1927: 350; Schedl 1934f: 1639, 1952f: 87, 1958k: 142, 1962r: 90, 1980a: 15, 1981b: 75; Schimitschek 1937c: 52, 1955c: 83; Schwerdtfeger 1981: 188; Seidlitz 1872: 394, 1891a: 562, 1891b: 608; Spessivtsev 1922a: 472, 491, 1925a: 174, 1931: 47, 50; Stark 1952: 276; Stierlin 1898: 439; Thomson 1865: 360, 1868: 220. (**ms**) Eichhoff 1868d: 422; Escherich 1932b.

serratus Panzer 1795a: 288 (*Bostrichus*). Syn-types, sex?; Germania; Panzer Collection, lost. Synonymy: Eggers 1911a: 73.

References: (**hb**) Wachtl 1876a: 458. (**ds**) Beck 1817; Calwer 1884; Hagedorn 1910d: 116; Kleine 1913b: 169; Sainte-Claire & Mequignon 1938: 445; Wachtl 1876a: 458. (**tx**) Balachowsky 1949a: 211; Bechstein et al. 1805: 104; Eggers 1911a: 73; Hagedorn 1910a; Panzer 1795a: 288.

thomsoni Ferrari 1867a: 14 (*Ernoporus*). Syn-types, sex?; Europa; presumably NHMW, Wien, not found. Synonymy: Ferrari 1868: 255. References: (**ds**) Bedel 1888b: 398, 414; Heyden 1876: 299; Kraatz 1869: 59; Stein & Weise 1877: 164. (**tx**) Balachowsky 1949a: 211; Bedel 1888b: 394, 414; Dallimore 1868;

Doebner 1868: 368; Eichhoff 1868d: 422, 1876a: 378–379; Ferrari 1867a: 12, 14, 1867b: 114, 1868: 255; Letzner 1891: 375.

kanawhae (Hopkins) 1915b: 35 (*Ernoporus*). Holotype ♂; Kanawah Station [Wood Co., West Virginia]; USNM, Washington.

Distribution: North America (Wood County, West Virginia in USA).

Notes: (1) Wood 1954a: 987, 1982b: 858 (re-described).

References: (**hb**) Chamberlin 1939: 317; Wood, S. L. 1953: 51, 1954a: 987. (**ds**) Blatchley & Leng 1916: 605; Chamberlin 1939: 317; Wood, S. L. 1982b: 858. (**tx**) Blatchley & Leng 1916: 605; Chamberlin 1939: 317; Hopkins 1915b: 35; Schedl 1962r: 90; Wood, S. L. 1953: 51, 1954a: 986–987, 1982b: 858.

longus (Eggers) 1926b: 136 (*Ernoporus*). Lectotype, sex?; Tomakomai, Japan; USNM, Washington, designated by Anderson & Anderson 1971: 18. Distribution: Asia (Hokkaido in Japan/Kamchatka, Siberia in E USSR).

Hosts: *Alnus fruticosa*, *A. kamschatica*, *A. maximowitzi*.

References: (**cn**) Kurenzov 1935c: 188. (**ec**) Kurenzov 1934a: 54. (**hb**) Kurenzov 1935a: 20, 34, 1948b: 115; Kurenzov & Kononov 1961: 600; Stark 1952: 275. (**ds**) Kurenzov 1934a: 54, 1935a: 20, 34, 1935c: 188, 1936b: 351, 1938a: 64, 1951b: 17, 1965, 1967; Kurenzov & Kononov 1961: 595–600; Stark 1952: 275. (**tx**) Anderson, W. H. & Anderson 1971: 18; Eggers 1926b: 136; Krivolutsкая 1955; Kurenzov 1941a: 158, 1948b: 115; Nobuchi 1985c: 11; Schedl 1934f: 1639, 1979c: 142; Sokanovskii 1954: 17; Stark 1952: 275.

semenovi (Kurenzov) 1941a: 231 (*Eocryphalus*). Lectotype, sex?; mountainous fir and broad-leaved woods in the upper course of the river Suputinka (Ussuri Region); ISBN, Novosibirsk, USSR, and IZL, Leningrad/St. Petersburg, designated by Michalski 1969a: 892.

Distribution: Asia (Sakhalin Island, Ussuri in E USSR).

Hosts: *Kalopanax ricinifolium*.

References: (**hb**) Krivolutsкая 1973: 137; Kurenzov 1948b: 125; Stark 1952: 279. (**ds**) Krivolutsкая 1965a: 235, 1973: 137; Stark 1952: 279. (**tx**) Krivolutsкая 1958: 148; Kurenzov 1941a: 161, 231, 1948b: 125; Michalski 1969a: 892, 1969b: 567; Stark 1952: 279.

spessivtzevi Berger 1916: 243. Holotype, sex?; Sedanka, Ussuri, USSR; IZL, Leningrad.

Distribution: Asia (Ussuri in E USSR).

Hosts: *Fraxinus mandschurica*.

References: (**cn**) Kurenzov 1935c: 193, 1951c: 79. (**ec**) Kurenzov 1934a: 51, 1951d: 24. (**hb**) Krivolutsкая 1973: 136; Kurenzov 1948b: 128, 1951d: 24; Stark 1952: 277. (**ds**) Kleine 1934a: 147; Krivolutsкая 1965a: 235, 1973: 136; Kurenzov

1934a: 51, 1935c: 193, 1936a: 110, 1936b: 350; Stark 1952: 277. (**tx**) Balachowsky 1949a: 201; Berger 1916: 243; Kurenzov 1941a: 160–161, 1948b: 128; Michalski 1969a: 892, 1969b: 567; Schedl 1934f: 1639; Stark 1952: 277.

takahashii Nobuchi 1975: 43. Holotype, sex?, Mt. Daisetsu, Hokkaido, Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 1, fig. 4.
Distribution: Asia (Hokkaido in Japan).
Hosts: *Sorbus commixta*.
References: (**tx**) Nobuchi 1975: 43–44.

zachvatkini (Krivolutskaya) 1958: 149 (*Eocryphalus*). Holotype, sex?, Sakhalin Island, S. Uglegorsk region, near mouth of Kotan River, USSR: IZM, Moscow.
Distribution: Asia (Sakhalin Island in E USSR).
References: (**hb**) Krivolutskaya 1973: 137. (**ds**) Krivolutskaya 1973: 137. (**tx**) Krivolutskaya 1958: 149; Schedl 1962r: 93–94.

Genus *Allernoporus* Kurenzov

ALLERNOPORUS KURENZOV 1941a: 159. Type-species: *Allernoporus euonymi* Kurenzov, monobasic.
Notes: (3) When more thorough studies are made, it is probable that this genus will become a synonym of *Ernoporiscus*.

References: (**hb**) Wood, S. L. 1986a: 89. (**ds**) Wood, S. L. 1986a: 89. (**tx**) Kurenzov 1941a: 159–160; Schedl 1962r: 93–94; Wood, S. L. 1986a: 89.

euonymi Kurenzov 1941a: 159, 230. Lectotype, sex?, mountainous woods in South of Soviet Far East: ISBN, Novosibirsk, USSR, and IZL, Leningrad/St. Petersburg, Michalski 1969a: 892.
Distribution: Asia (Sakhalin Island, Siberia in E USSR).

Hosts: *Euonymus* sp.

References: (**hb**) Kurenzov 1948b: 123; Stark 1952: 278. (**ds**) Krivolutskaya 1983; Stark 1952: 278. (**tx**) Krivolutskaya 1958: 140; Kurenzov 1941a: 159, 230, 1948b: 123; Michalski 1969a: 892, 1969b: 567; Schedl 1962r: 92–94; Stark 1952: 278.

Genus *Stegomerus* Wood

STEGOMERUS WOOD 1967c: 129. Type-species: *Stegomerus vulgaris* Wood, original designation.

Keys: Wood 1967c: 130, 1982b: 855.

References: (**hb**) Wood, S. L. 1986a: 90. (**ds**) Wood, S. L. 1986a: 90. (**tx**) Wood, S. L. 1967c: 129, 1982b: 854–858, 1986a: 90.

chiriquensis Wood 1967c: 131. Holotype ♂; Cerro Punta, Chiriqui, Panama; Wood Collection.

Distribution: North America (Panama).

Hosts: *Canavalia villosa*.

References: (**tx**) Wood, S. L. 1967c: 131, 1982b: 856.

mexicanus Wood 1967c: 133. Holotype ♂; 21 km W Morelia, Michoacan, Mexico; Wood Collection.
Figures: Atkinson & Equihua 1988: 101 (adult).

Distribution: North America (Michoacan, Puebla in Mexico).

Hosts: *Serjania* sp.

References: (**ds**) Atkinson & Equihua 1985c: 356, 1988: 101. (**tx**) Atkinson & Equihua 1988: 101; Wood, S. L. 1967c: 133, 1982b: 857.

mirandus Wood 1971: 32. Holotype ♀; El Laurel Experimental Farm, 12 km SW Caracas, Miranda, Venezuela; Wood Collection.

Distribution: South America (Venezuela).

Hosts: Vine (creeper).

References: (**tx**) Wood, S. L. 1971: 32–33.

montanus Wood 1967c: 132. Holotype ♂; Volcan Irazu, Cartago Prov., Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).

Hosts: *Mucilenbeckia tannifolia*.

References: (**tx**) Wood, S. L. 1967c: 132.

pygmaeus Wood 1967c: 130. Holotype ♂; Los Corchos, Nayarit, Mexico; Wood Collection.
Distribution: North America (Costa Rica/ Honduras/ Jalisco, Nayarit in Mexico).

Hosts: *Canavalia villosa*, *Cestrum scandans*, *Dioclea megacarpa*.

References: (**hb**) Atkinson & Equihua 1985c: 356. (**ds**) Atkinson & Equihua 1985c: 356. (**tx**) Wood, S. L. 1967c: 130, 1982b: 855–856.

vulgaris Wood 1967c: 134. Holotype ♂; Volcan Zunil, Quezaltenango, Guatemala; Wood Collection.
Distribution: North America (Costa Rica/ Guatemala/ Honduras).

Hosts: *Serjania mexicana*, *S. triquetra*, *S.* sp.

References: (**tx**) Wood, S. L. 1967c: 133–134.

Genus *Neocryphus* Nunberg

NEOCRYPHUS NUNBERG 1956a: 139. Type-species: *Neocryphus argentinensis* Nunberg, original designation.

Notes: (3) Schedl 1979: 35 (erroneously placed in synonymy with *Phacrylus*).

References: (**hb**) Wood, S. L. 1986a: 90. (**ds**) Wood, S. L. 1986a: 90. (**tx**) Nunberg 1956a: 139; Wood, S. L. 1986a: 90.

argentinensis Nunberg 1956a: 141. Holotype, sex?, Argentina, Cordova; IZW, Warsaw.

Distribution: South America (Argentina).

References: (**tx**) Nunberg 1956a: 141.

cristatus (Schedl) 1979e: 61 (*Phacrylus*). Holotype, sex?, S. Luis, San Geronimo, Argentina; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

References: (**tx**) Schedl 1979e: 61.

Genus *Acorthylus* Brethes

ACORTHYLUS BRETHES 1922: 304. Type-species: *Acorthylus asperatus* Brethes, monobasic.

Phacrylus Schedl 1938i: 24. Type-species: *Phacrylus bosqui* Schedl, monobasic. Synonymy: Wood 1983a: 647.

- References: **(tx)** Nunberg 1956a: 141; Schedl 1938i: 24; Wood, S. L. 1983: 647.
- References: **(hb)** Wood, S. L. 1986a: 90. **(ds)** Wood, S. L. 1986a: 90. **(tx)** Brethes 1922: 304; Wood, S. L. 1983a: 647, 1986a: 90.
- asperatus** Brethes 1922: 305. Holotype, sex?; Buenos Aires, Argentina; Brethes Collection. Distribution: South America (Argentina). References: **(ds)** Blackwelder 1947: 784. **(tx)** Brethes 1922: 305.
- bosqui** (Schedl) 1938i: 24 (*Phacrylus*). Lectotype, sex?; Argentinien, Prov. de Jujuy; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 44. Distribution: South America (Argentina). References: **(ds)** Blackwelder 1947: 778; Schedl 1966f: 84, 1967d: 2, 1972d: 141. **(tx)** Schedl 1938i: 24, 1951d: 17, 1952a: 453, 1964m: 304, 1972d: 141, 1979c: 44.
- squamulosus** Eggers 1943a: 356 (*Ernoporus*). Holotype, sex?; Bolivia (Cochabamba); Eggers Collection, not mentioned by either Anderson & Anderson 1971 or Schedl 1979c, Eggers cotype in NHMW, Wien. Synonymy: Schedl 1964m: 304. References: **(tx)** Eggers 1943a: 356; Schedl 1964m: 304, 1979c: 236.
- gracilis** (Schedl) 1972g: 58 (*Phacrylus*). Holotype, sex?; Brasil, Jacareacanga, Para; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: **(ds)** Schedl 1973a: 367. **(tx)** Schedl 1972g: 58, 1979c: 108.
- pruni** (Wood) 1971: 33 (*Phacrylus*). Holotype ♀; La Carbonera Experimental Forest, 50 km NW Merida, Merida, Venezuela; Wood Collection. Distribution: South America (Venezuela). Hosts: *Prunus sphaerocarpa*. References: **(tx)** Wood, S. L. 1971: 33.
- robustus** (Schedl) 1952a: 453 (*Phacrylus*). Lectotype ♂; Argentina, Cordoba, Dep. Calamuchita, El Sauce, La Cienaga, Belen, Catamarca; Schedl Collection in NHMW, Wien. Distribution: South America (Argentina/ Brazil). References: **(hb)** Viana 1964: 122. **(ds)** Viana 1964: 122. **(tx)** Schedl 1951h: 284, 1951m: 73, 1952a: 453, 1979c: 212.
- Genus *Stephanopodius* Schedl
- STEPHANOPODIUS SCHEDL 1941d: 396. Type-species: *Stephanoderes dispar* Eggers, subsequent designation by Schedl 1961k: 633.
- Cryphalomimus* Browne 1962g: 75. Type-species: *Hypocryphalus ghanaensis* Schedl, original designation, preoccupied by Eggers 1927. Synonymy: Wood 1980c: 95. References: **(tx)** Browne 1962g: 75, 1963a: 242; Schedl 1963j: 478; Wood, S. L. 1980c: 95.
- Cryphalomimetes* Browne 1963b: 242. Type-species: *Hypocryphalus ghanaensis* Schedl, automatic. Synonymy: Wood 1980c: 95. References: **(tx)** Browne 1963b: 242; Schedl 1964m: 305; Wood, S. L. 1980c: 95.
- References: **(hb)** Wood, S. L. 1986a: 90. **(ds)** Wood, S. L. 1986a: 90. **(tx)** Schedl 1941d: 396, 1961k: 633; Wood, S. L. 1986a: 90.
- dispar** (Eggers) 1936c: 35 (*Stephanoderes*). Holotype, sex?; S. Rhodesia; Salisbury; BMNH, London. Figures: Schedl 1961k: 634. Distribution: Africa (South Africa/ Tanzania/ Zimbabwe). References: **(hb)** Loytyniemi, Beaver, & Loytyniemi 1984; Schedl 1961k: 633. **(ds)** Beaver & Loytyniemi 1985a: 81; Schedl 1961k: 633. **(tx)** Eggers 1936c: 35; Schedl 1941d: 396, 1951j: 20, 1961i: 224, 1961k: 633–634, 1979c: 82.
- ghanaensis** (Schedl) 1962h: 66 (*Hypocryphalus*). Holotype, sex?; Ghana, Kumasi; BMNH, London. Distribution: Africa (Ghana). Hosts: *Bussa occidentalis*, *Hymenostegia afzelii*. References: **(hb)** Browne 1963a: 235. **(ds)** Browne 1963a: 235. **(tx)** Browne 1962g: 74–75, 1963b: 242; Schedl 1962h: 66, 1962k: 1069, 1979c: 103.
- giganteus** Schedl 1950d: 26. Holotype, sex?; Rhodesien; Schedl Collection in NHMW, Wien. Distribution: Africa (South Africa/ Zimbabwe). References: **(tx)** Schedl 1950d: 26, 1961k: 634, 1979c: 104.
- mkulumusius** (Eggers) 1919: 241 (*Stephanoderes*). Syntypes, sex?; Mkulumusiberg bei Sigi; Amani; Hamburg Museum, lost, and Eggers Collection ♂ ♀, in NHMW, Wien. Distribution: Africa (Tanzania). Notes: (1) Schedl 1979c: 157 (neotype designation invalid). References: **(tx)** Eggers 1919: 241, 1922b: 168; Schedl 1950d: 3, 1961k: 635, 1979c: 157.
- squamosus** Nunberg 1973: 9. Holotype ♀; Congo Belge, P.N.A., expl. sect. Nord Massif Ruwenzori, Kalonge; MRCB, Tervuren. Distribution: Africa (Zaire). References: **(tx)** Nunberg 1973: 9.
- usambaricus** Schedl 1941d: 396. Holotype, sex?; Usambara, Tanganyika; Schedl Collection in NHMW, Wien. Distribution: Africa (Tanzania). References: **(tx)** Schedl 1941d: 396, 1961k: 635, 1979c: 262.
- Genus *Coriacephilus* Schedl
- CORIACEPHILUS SCHEDL 1939e: 339. Type-species: *Stephanoderes coriaceus* Eichhoff, original designation. References: **(hb)** Wood, S. L. 1986a: 90. **(ds)** Browne 1961c: 67; Schedl 1966b: 27; Wood, S. L.

1986a: 90. **(tx)** Schedl 1939e: 339–340; Wood, S. L. 1986a: 90.

coriaceus (Eichhoff) 1878b: 494 (*Stephanoderes*). Holotype ♀: Asia (Siam); Schedl Collection in NHMW, Wien.

Distribution: Asia (Burma/ Thailand).

References: **(ds)** Beaver & Browne 1975: 287; Hagedorn 1910d: 41; Kleine 1913b: 121, 1914b: 280. **(tx)** Eichhoff 1878b: 494; Hagedorn 1910a: 86; Hopkins 1915b: 23; Schedl 1939e: 339–340, 1940d: 591, 1979c: 65.

birmanus Eggers 1925: 153 (*Cryphalus*). Syntypes, sex?: Tenasserim; Prague Museum, and 1 in Eggers Collection, in NHMW, Wien. Synonymy: Schedl 1940d: 591.

References: **(tx)** Eggers 1925: 153, 156; Schedl 1940d: 591, 1979c: 40.

cribripennis Schedl 1943b: 40. Lectotype, sex?: Kalambangan, Mindanao, Philippinen; Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands (Mindanao).

References: **(tx)** Schedl 1943b: 40, 1979c: 69.

proximus (Eggers) 1925: 156 (*Cryphalus*). Holotype, sex?: Sud-Mysore (Vorder-Indien); Eggers Collection, in NHMW, Wien.

Distribution: Asia (Mysore in India).

Notes: (1) Schedl 1950f: 36 (to *Coriacephilus*).

References: **(tx)** Eggers 1925: 156; Schedl 1950f: 36–37, 1979c: 199.

xyloctonoides Schedl 1939e: 340. Lectotype, sex?: Malaya, Selangor, Sungei Buloh For. Res.; Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya).

Hosts: *Kuema furfuracea*.

References: **(cn)** Mathur & Singh 1960b: 84. **(ds)** Beeson 1961: 286; Browne 1961c: 67; Mathur & Singh 1960b: 84. **(tx)** Browne 1961c: 67; Schedl 1939e: 340, 1979c: 270.

Genus *Ernopor* Thomson

ERNOPORUS THOMSON 1859: 147. Type-species: *Bostrichus tiliae* Panzer, original designation.

Cryphalops Reitter 1889a: 94. Type-species: *Cryphalus lederi* Reitter = *Bostrichus tiliae* Panzer, monobasic. Synonymy: Reitter 1894: 71.

References: **(tx)** Balachowsky 1949a: 201; Hopkins 1915b: 8; Reitter 1889a: 94, 1894a: 71.

Stephanorhopalus Hopkins 1915b: 35. Type-species: *Stephanorhopalus melodori* Hopkins, original designation, spelling of type species amended by Schedl 1966: 19. Synonymy: Wood 1980c: 93.

References: **(tx)** Browne 1961c: 70; Hopkins 1915b: 35; Schedl 1962r: 93–94, 1966b: 19; Wood, S. L. 1980c: 93.

Euptilius Schedl 1940d: 589. Type-species:

Ernopor *concentratus* Eggers, original designation. Synonymy: Wood 1980c: 93.

References: **(tx)** Schedl 1940d: 589, 1962r: 90; Wood, S. L. 1980c: 93.

References: **(ay)** Heymons 1920: 103; Nobuchi 1969a: 56. **(hb)** Escherich 1923: 460–482; Palm 1959: 34, 44, 57; Schedl 1977a: 41; Wood, S. L. 1986a: 90. **(ds)** Bertolini 1872: 201; Brimblecombe 1953: 23; Browne 1961c: 70; Feytaud 1950: 9; Schedl 1934f: 1639, 1966b: 19, 1977a: 41; Scheerpeltz & Winkler 1930: 257; Wood, S. L. 1986a: 90. **(tx)** Allen, A. A. 1970: 246; Balachowsky 1949a: 208; Beeson 1938b: 290; Berger 1916: 227–228; Blandford 1904: 226; Blatchley & Leng 1916: 593, 604; Browne 1961c: 70, 79; Chamberlin 1939: 316–317; Choo 1983: 69; Choo, Woo, & Nobuchi 1988b; Costa Lima 1956: 282; Endrodi 1957b: 416; Fauvel 1887: 276; Ferrari 1867a: 10, 16; Hopkins 1914: 121, 135, 1915b: 8, 35, 194–195, 221, 226; Kurenzov 1941: 159–162, 230–231; Kurenzov & Kononov 1961: 595; Lacordaire 1886: 378; Lekander 1962: 431; Lindemann 1876: 148–167, 320–380; Luigioni 1929: 997; Munro 1946: 19, 32, 42, 61; Murayama 1954: 205; Numberg 1928: 145, 1954: 10, 48, 52–53, 1956: 141; Nusslin 1898: 276, 1911, 1912; Peyerimhoff 1935: 194–195; Pfeffer 1989a: 82; Reitter 1913a: 65, 68–69, 1916: 287, 289; Schedl 1958d: 188, 1958k: 142, 1959a: 475, 1962r: 93–94, 1969i: 130, 1977a: 41, 1977b: 41, 1980b: 75; Schimitschek 1937: 50–52; Sokanovskii 1954: 17; Spessivtsev 1923: 422, 1931: 88; Stresemann et al. 1989: 354; Swaine 1909: 92; Thomson 1859: 147, 1865: 360; Trappen 1935: 142; Wood, S. L. 1954a: 988, 1960a: 13, 18, 1986a: 90.

acanthopanaxi (Nüesima) 1913a: 4 (*Cryphalus*). Syntypes, sex?: Sapporo, Japan; Nobuchi Collection, Ibaraki.

Distribution: Asia (Hokkaido in Japan).

Hosts: *Acanthopanax ricinifolium*.

References: **(ds)** Kleine 1934a: 147; Nobuchi 1985c: 11. **(tx)** Murayama 1953a: 35; Nüesima 1913a: 4; Schedl 1934f: 1639, 1979c: 9.

antennarius (Schedl) 1974d: 461 (*Ernopor*). Holotype ♀: Upper Manki logging area, Bulolo, Morobe District; CSIRO, Canberra.

Distribution: New Guinea.

References: **(tx)** Schedl 1974d: 461, 1979c: 22.

papuanus Browne 1984f: 70 (*Euptilius*). Holotype, sex?: New Guinea: Morobe District, Mount Kaindi, 2500 m; BMNH, London, pre-occupied by Schedl 1973. Synonymy: Wood 1989: 172.

References: **(tx)** Browne 1984f: 70; Wood, S. L. 1989: 172

armatus (Browne) 1981a: 129 (*Euptilius*). Holotype, sex?: Bangkok (Thailand) to Yokohama (Japan), imported; BMNH, London.

Distribution: Asia (Thailand).

- Hosts: *Pterocarpus* sp.
References: (tx) Browne 1981a: 129.
- concentralis** Eggers 1936d: 629. Holotype, sex?; Vorderindien, Mysore: Sakalaspur; BMNH, London.
Distribution: Asia (Mysore in India).
Hosts: *Dalbergia latifolia*, *Pterocarpus marsupium*.
References: (ds) Beeson 1961: 287. (tx) Eggers 1936d: 629; Schedl 1940d: 589–590.
- dispar** (Schedl) 1972i: 49 (*Cryphalops*). Holotype ♂: New Ireland Dist., Karbil; CSIRO, Canberra.
Distribution: New Ireland Island.
Hosts: *Intsia bijuga*.
References: (tx) Schedl 1972i: 49, 1979c: 82.
- exiguus** (Browne) 1984c: 451 (*Euptilius*). Holotype, sex?; Tolitoli (Celebes) to Omaezaki (Japan), imported; BMNH, London.
Distribution: Indonesia (Celebes).
References: (ds) Browne 1984c: 451, 1986a: 89.
- inermis** (Schedl) 1939e: 343 (*Stephanorhopalus*). Lectotype, sex?; Malaya, Selangor: Port Swettenham; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 124.
Distribution: Asia (Malaya).
Hosts: *Rhizophora mucronata*.
References: (ds) Beeson 1961: 299; Browne 1961c: 70. (tx) Schedl 1939e: 343, 1979c: 124.
- japonicus** Nobuchi 1966e: 52. Holotype ♀; Arashiyama, Kyoto City; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1966e: 52.
Distribution: Asia (Honshu in Japan).
References: (ds) Nobuchi 1985c: 11. (tx) McNamara 1977: 196; Nobuchi 1966e: 52.
- melodori** (Hopkins) 1915b: 36 (*Stephanorhopalus*). Holotype ♂; Calapan, P. I.; USNM, Washington.
Distribution: Philippine Islands (Mindoro).
Hosts: *Melodorum fulgens*.
Notes: (1) Schedl 1966b: 16 (*nulodori*, lapsus calami, corrected to *melodori*).
References: (ds) Kleine 1934a: 148; Schedl 1966b: 19. (tx) Hopkins 1915b: 35–38; Nobuchi 1983: 300; Schedl 1966b: 16, 19.
- papuanus** (Schedl) 1973e: 87 (*Margadillius*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
References: (tx) Schedl 1973e: 87, 1979c: 183–184.
- quadridens** (Schedl) 1971a: 284 (*Cryphalops*). Holotype, sex?; Central Prov.: Hantane Estate, Kandy; Schedl Collection in NHMW, Wien.
Figures: Schedl 1971a: 283.
Distribution: Asia (Sri Lanka).
References: (tx) Schedl 1971a: 283–284, 1979c: 208.
- shimanensis** Murayama 1953a: 36. Holotype ♂; Kakinoki vill. (Suzuno-ohitani), Kanoashi County, Shimane pref., Japan; Murayama Collection in USNM, Washington.
- Distribution: Asia (Honshu in Japan).
Hosts: *Fagus crenata*.
References: (ds) Murayama 1954b: 185; Nobuchi 1985c: 11. (tx) Murayama 1953a: 36, 1954b: 185.
- thailandicus** (Schedl) 1967a: 127 (*Euptilius*). Holotype, sex?; Thailand via Hong Kong to Yokohama (Japan), imported; PPST, Tokyo.
Distribution: Asia (Thailand).
Hosts: Kwararin wood.
References: (ds) Beaver & Browne 1975: 290. (tx) Schedl 1967a: 127, 1979c: 252.
- tiliae** (Panzer) 1793: 14 (*Apate*). Syntypes, sex?; Brungsvigiae; not located, presumed lost.
Figures: Balachowsky 1963a: 1280, Grune 1979: 110, Pfeffer 1989a: pl. 6, Postner 1974: 432 (adult).
Distribution: Asia (Korea/ Turkey/ E USSR), Europe (Austria/ Bulgaria/ Corsica/ Czechoslovakia/ Denmark/ England/ Finland/ France/ Germany/ Greece/ Hungary/ N Italy/ Norway/ Poland/ Romania/ Spain/ Sweden/ Switzerland/ W USSR).
Hosts: *Carpinus betulus*, *Fagus silvatica*, *Hibiscus syriacus*, *Tilia amurensis*, *T. cordata*, *T. intermedia*, *T. parvifolia*.
References: (ay) Escherich 1923b: 482; Imhoff 1856: 228; Lekander 1959b: 60; Nunberg 1928a: 140; Nusslin 1911a: 58, 155, 277, 337, 378. (bv) Grune 1979: 111; Hellen 1921. (cn) Acatay 1943a: 65; Barbey 1925: 587; Chorbadzhevo 1929; Escherich 1923b: 482; Esterberg 1959; Georgescu et al. 1957: 357, 406; Grandi 1951; Hellen 1921; Kamp 1956b: 471; Kholodkovskii 1912: 307; Koppen 1882: 251; Kovacevic 1924: 21–22; Marcu 1926c: 63; Nosek 1951: 106, 1952b: 98; Nusslin 1913: 290; Picard & Lichtenstein 1917: 17; Pierce, W. D. 1917: 141; Rhumbler 1922: 334, 1927: 350; Schimitschek 1937c: 52, 1955a: 146, 1955c: 83; Schuster 1918: 97; Schwerdtfeger 1944a: 175, 1957a: 182; Wachtl 1901: 381; Wichmann 1927b: 361. (ec) Balazy & Michalski 1964b; Elliot & Morley 1907; Gillanders 1906; Kielczewski 1976; Kielczewski, Moser, & Wisniewski 1983; Kielczewski & Wisniewski 1978, 1980a, 1983; Kleine 1908c: 186, 1909a: 46, 1944: 73; Kostenko 1929; Kurenzov 1934a: 57; Michalski & Ratajczak 1989; Nosek 1951: 106, 1952b: 98, 1959a: 118, 1959b: 87; Nunberg & Wiackowski 1958: 130; Nusslin 1927: 350; Palmén 1944: 60; Perris 1856a: 244; Pfeffer 1923a: 331; Rondani 1873: 146; Saalas 1930: 118; Schimitschek 1955a: 146; Schuster 1918: 97; Schwerdtfeger 1944a: 175, 1957a: 182; Sedlaczek 1935a: 162; Wisniewski 1979b. (hb) Acatay 1943a: 65; Altum 1881c: 322; Balachowsky 1963a: 1279; Barbey 1901: 23, 72, 1925: 587; Beffa 1961; Bukowsky 1930; Chorbadzhevo 1929; Dombrowsky 1887; Eichhoff 1881a: 45, 181, 1882a: 245, 1882e: 322, 1892b: 99; Escherich 1923b: 482; Fuchs 1904a, 1907: 48; Gillanders 1906, 1908; Gornostaev 1916: 314; Grandi 1951;

- Györfi 1957; Hagedorn 1903a; Henschel 1895a: 168; Karpinski & Strawinski 1948: 155; Karsch 1883: 142; Keller 1913: 242; Kemmer 1919: 176; Kharltonov 1924: 199–204; Kholodkovskii 1912: 307; Kurenzov 1935a: 34; Lekander 1959b: 60; Lengerken 1954: 83; Marcu 1941: 403; Marie 1955: 78; Munro 1926: 61; Nordlinger 1856: 30; Nosek 1959a: 118, 1959b: 87; Nunberg 1929c: 119; Nusslin 1898: 280, 1906b: 14, 1913: 290, 1927: 350; Perris 1856a: 244; Postner 1974: 432; Ratzeburg 1837: 164, 1839: 199; Rhumbler 1922: 334, 1927: 350; Rupertsberger 1879: 231, 1880: 229; Schedl 1981b: 76; Schimitschek 1955a: 146; Schwerdtfeger 1944a: 175, 1957a: 182, 1981: 188; Sedlacek 1935a: 102; Spessivtsev 1913a: 90; Stark 1926a: 335, 1952: 272; Tschorbadjiev 1929: 166; Vinogradov-Nikitin 1911: 1472–1477; Wachtl 1876a: 453, 1901: 381; Wichmann 1927b: 361; Zvierezomb-Zubovsky & Rostoff 1918: 1–36. (**ds**) Acatay 1943: 65; Acloque 1896; Allen, A. A. 1970; Ammann & Knabl 1913; Andersch 1851; Arnoldi et al. 1955: 693; Andras & Schaeffer 1957; Bakke 1963a: 121; Balachowsky 1963a: 1279; Barthe 1896; Bau 1888; Bedel 1888b: 398, 413–414; Bejer-Petersen & Jorun 1977: 23; Bielz 1851, 1887; Blanchere & Robert 1889; Borchert 1951; Brakman 1966b: 206; Bukowsky 1930; Buresh & Lazarov 1956; Calwer 1884, 1893; Carpentier & Delaby 1908; Cecconi 1897; Cho 1957; Choo 1983: 69; Choo & Woo 1985: 164; Chorbadzhiyev 1929; Dejean 1837; Duftschmidt 1825; Eder 1934; Eggers 1904; Endrodi 1958a, 1958b; Ericson & Sandin 1893; Escherich 1923b: 482, 1932b; Esterberg 1928, 1959; Fjellberg 1966: 154; Fowler 1891; Fuchs 1904a, 1905a, 1907: 48; Gaubil 1849: 126; Gemminger & Harold 1872: 2683; Gornostaev 1917; Gozis 1875: 80; Grill 1895: 309; Grune 1917: 111; Gyllenhal 1827: 624; Hagedorn 1903a, 1910d: 46; Hansen, V. 1939, 1956, 1964: 462; Heinemann 1908a; Hellen 1947; Henschel 1895a: 168; Heyden 1876: 299, 1879: 140; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Horion 1951; Jazentkovsky 1912: 288; Kamp 1956b: 471; Karpinski 1926: 82, 1931: 27, 1948b: 230; Karpinski & Strawinski 1948: 155; Keler 1925b: 272; Kemmer 1919: 176; Kersten 1933: 74; Kestercanek 1881a: 12; Klefbeck & Sjöberg 1960: 2, 230; Kleine 1912a: 262, 267, 1913a: 34, 1934a: 143; Kloft & Hinks 1945: 218; Ko 1969: 276; Kolbe, W. 1918: 211; Koltze 1901: 153; Koppén 1882: 251; Kostenko 1929; Kozikowsky 1921: 180; Kraatz 1869: 59; Kurenzov 1934a: 57, 1935a: 34, 1936a: 110, 1936b: 350–351, 1938a: 59; Kurir 1947c: 27; Lacordaire 1866: 379; Langhoffer 1915c: 158; Leclercq 1971; Lengerken 1939: 39; Lentz 1857: 139; Liegel 1886: 43; Lindemann 1884b: 264; Lokaj 1868: 64; Lomnicki 1886a: 242, 1913b: 148; Lucht 1987: 278; Lundberg 1981: 151; Lundblad 1950b: 72; Mahler 1987: 232; Marcu 1926c: 63; Matthews & Fowler 1883: 42; Murayama 1929b: 2, 1930b: 10, 1937b: 375; Negru 1966b: 402, 1968a: 456; Negru & Rosca 1967: 141; Nunberg 1928b: 85, 106, 1954: 53; Nusslin 1898: 280; Orest 1926c: 63; Palm 1959: 29, 60, 1986; Palmen 1944: 60; Perris 1876a: 254, 1877a: 414; Pfeffer 1924b: 471, 1931b: 74, 1950b: 76, 1989a: 82; Pierce, W. D. 1917: 141; Pittioni 1943: 175; Power 1865: 212; Postner 1974: 432; Prossen 1913: 83; Rapp 1934: 728; Ratzeburg 1837: 164, 1839: 199; Redtenbacher 1858: 832, 1874: 375; Reitter 1869b: 154, 1889a: 94, 1894a: 71, 1916: 289; Roubal 1941: 264; Ruskov 1928e: 61; Saalas 1930: 118, 1931: 67; Sainte-Claire 1914: 472; Sainte-Claire & Mequignon 1938: 445; Schaufuss 1915: 1232; Schann 1859: 96, 1862: 101; Schedl 1980a: 15, 1981b: 76; Schilsky 1909: 188; Schiodte 1873: 101; Schwerdtfeger 1981: 188; Seidlitz 1891b: 607; Sharp & Fowler 1893: 34; Siebke 1875: 283; Stark 1926a: 335, 1926j: 126, 1927b: 88, 1936e: 142, 1952: 272; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 439; Stierlin & Gautard 1871: 292; Sturm 1826: 102, 1843: 230; Thomson 1859: 147, 1865: 350, 1868: 218; Treddl 1907: 12; Tschorbadjiev 1929: 166; Villa & Villa 1833: 26; Wachtl 1876a: 453; Westhoff 1882: 238; Wichmann 1927a: 6; Winter, T. G. 1983: 11; Zinovjev 1955: 187. (**tx**) Acloque 1896; Allen, A. A. 1970; Bach 1854; Balachowsky 1949a: 209, 1963a: 1279–1280; Barbey 1901: 23, 72; Bechstein et al. 1805: 108; Bedel 1888b: 398, 413–414; Beffa 1961; Berger 1917: 226–248; Bertolini 1872; Calwer 1858; Carpentier & Delaby 1908; Castelnau 1840; Choo 1983: 69; Doebner 1860; Dombrowsky 1887; Duftschmidt 1825; Eggers 1929e: 41, 1936d: 629, 1942c: 29, 1943a: 355; Eichhoff 1864b: 35, 1878b: 130, 1881a: 45, 181, 1883a: 109, 133; Endrodi 1957b; Erichson 1836: 62; Escherich 1923b: 482; Fabricius 1798: 157, 1801: 383; Fauvel 1889; Ferrari 1867a: 12, 1867b: 106, 114; Fleischer 1905, 1927; Formanek 1907: 35; Gebien 1907: 197; Gillanders 1908; Grune 1979: 110–111; Gyllenhal 1813: 369, 1827: 624; Hagedorn 1910a: 88; Hansen, V. 1956, 1964: 462; Henschel 1895a: 168; Hopkins 1914: 121, 1915b: 35, 1915c: 221; Kalina 1970: 129; Karpinski & Strawinski 1948: 155; Kuhnt 1913: 1055; Lacordaire 1866: 379; Lekander 1959b: 60; Letzner 1891: 375; Lindemann 1875c: 321; Lovendal 1889b: 52, 1898: 126; Lucht 1987: 278; Murayama 1930b: 10, 14, 30, 1937b: 375; Negru 1966b: 402; Nordlinger 1848: 245, 1856: 30; Nunberg 1928a: 140, 1929c: 119, 1954: 53; Nusslin 1911a: 58, 155, 277, 337, 378; Panzer 1793: 14, 1795a: 284; Perris 1877a: 414; Pfeffer 1932b: 18, 1955a: 180, 1989a: pl. 6; Portevin 1935: 324; Postner 1974: 432; Quaschik 1953: 35; Ratzeburg 1837: 164, 1839: 199; Redtenbacher 1849a: 359, 1849b: 26, 1858: 832, 1874: 375; Reitter 1889a: 94, 1894a: 71, 1913a: 68, 1916: 289; Rhumbler 1922:

334, 1927: 350; Rupertsberger 1879: 231, 1880: 229; Sahlberg 1836: 154; Sampson 1919: 114; Schedl 1934f: 1639, 1952f: 87, 1958k: 142, 1967a: 127, 1980a: 15, 1981b: 76; Schimitschek 1937c: 52, 1955c: 83; Seidlitz 1891b: 607; Semenov 1902: 271; Sokanovskii 1954: 17; Spessivtsev 1913a: 90, 1922a: 472, 1925a: 173, 1931: 48–50; Stark 1952: 272; Stierlin 1898: 439; Thomson 1859: 147, 1865: 360, 1868: 219. (**ms**) Escherich 1932b; Heinemann 1908a; Hellen 1921.

cinereus Herbst 1793: 116 (*Bostrichus*). Syntypes, sex?; Deutschland; not located. Synonymy: Balachowsky 1949a: 209.

References: (**tx**) Balachowsky 1949a: 209; Herbst 1793: 116; Iablokoff-Khnzorian 1961: 105.

ratzeburgi Ferrari 1867a: 11 (*Cryphalus*). Syntypes, sex?; Europe; not located. Synonymy: Balachowsky 1949a: 209.

References: (**ds**) Blanchere & Robert 1889; Heyden 1876: 299; Kestercanek 1881a: 12; Kraatz 1869: 59; Redtenbacher 1874: 375; Schilsky 1909: 188; Seidlitz 1872: 393; Stein 1868: 114; Stein & Weise 1877: 164. (**tx**) Balachowsky 1949a: 209; Bertolini 1872; Ferrari 1867a: 11, 1867b: 114; Letzner 1891: 375; Redtenbacher 1874: 375; Sampson 1923a: 270; Seidlitz 1872: 393.

lederi Reitter 1889a: 93 (*Cryphalus*). Syntypes 2, sex?; Circassia; NHMB, Budapest. Synonymy: Balachowsky 1949a: 209.

References: (**ds**) Heyden, Reitter, & Weise 1891: 671; Reitter 1889a: 93. (**tx**) Balachowsky 1949a: 209; Hopkins 1914: 119; Reitter 1889a: 93; Schedl 1934f: 1639.

eggersi Stark 1936: 142. Syntypes, sex?; Soviet Far East; IZL, Leningrad, 1 Eggers syntype, in NHMW, Wien. Synonymy: Sokanovskii 1954: 17. Notes: (1) Original publication not seen, cited in Stark 1941: 155, 159.

References: (**hb**) Kurenzov 1948b: 124; Muranov 1941: 155, 159; Stark 1952: 273. (**ds**) Arnoldi et al. 1955: 692; Balachowsky 1963a: 1280; Kri-volutskaya 1983; Sokanovskii 1954: 17; Stark 1952: 273. (**tx**) Kurenzov 1941a: 155, 1948b: 124; Pfeffer 1944a: 131; Schedl 1952k: 158; Sokanovskii 1954: 17; Stark 1936: 142, 1952: 273. (**ms**) Pfeffer 1944a: 131.

starki Eggers 1942c: 31. Holotype, sex?; Ussuri; Eggers Collection, in NHMW, Wien. Synonymy: Schedl 1952k: 158.

References: (**tx**) Eggers 1942c: 31; Pfeffer 1944a: 131; Schedl 1952k: 158, 1979c: 236. (**ms**) Pfeffer 1944a: 131.

tuberculatus (Browne) 1981a: 128 (*Euptilius*). Holotype, sex?; Rangoon (Burma) to Kobe (Japan), imported; BMNH, London. Distribution: Asia (Burma).

Hosts: *Pterocarpus* sp.

References: (**tx**) Browne 1981a: 128.

Genus *Ernocladius* Wood

ERNOCLADIUS WOOD 1980c: 93. Type-species: *Cryphalus corpulentus* Sampson, original designation.

References: (**hb**) Wood, S. L. 1986a: 90. (**ds**) Wood, S. L. 1986a: 90. (**tx**) Wood, S. L. 1980c: 93, 1986a: 90.

corpulentus (Sampson) 1919: 113 (*Cryphalus*). Holotype ♂; India, Nilgiri Hills; BMNH, London. Distribution: Asia (Bengal, Tamil Nadu in India/Malaya), Indonesia (Java).

Hosts: *Hibiscus macrophyllus*, *Kydia calycina*, *Thespesia populnea*, rare in *Ficus religiosa*.

References: (**cn**) Mathur & Singh 1960b: 86, 1961b: 51. (**hb**) Browne 1961c: 71; Kalshoven 1958b: 166–168. (**ds**) Browne 1961c: 71; Kleine 1934a: 147; Mathur & Singh 1961b: 51; Sampson 1919: 113. (**tx**) Eggers 1925: 153; Nobuchi 1959c: 22, 1966e: 53; Sampson 1919: 113–114; Schedl 1940d: 590–591, 1942a: 169, 1942d: 2; Wood, S. L. 1980c: 93.

corpulentus sundri Schedl 1969c: 48 (*Margadillius*). Holotype, sex?; India: Sundarbans (Bengal); FRI, Dehra Dun, not present. Synonymy: Wood 1989: 172.

Notes: (1) The holotype never reached the Forest Research Institute and is probably represented by Schedl's "paratype" that was examined by us. (3) This name has also been treated in *Ernoporus* and *Margadillius*.

References: (**tx**) Schedl 1969c: 48, 1979c: 65–66; Wood, S. L. 1989: 172.

guiboutiae (Schedl) 1957d: 53 (*Miocryphalus*). Holotype, sex?; Congo Belge: Mayumbe, Jombo de Bombo, 86 km Nord-Ouest de Tshela; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Guibourtia arnoldiana*.

References: (**tx**) Schedl 1957d: 53, 1961k: 538, 1979c: 114.

Genus *Cryphalogenes* Wood

CRYPHALOGENES WOOD 1980c: 91. Type-species: *Cryphalogenes euphorbiae* Wood, original designation.

References: (**hb**) Wood, S. L. 1986a: 90. (**ds**) Wood, S. L. 1986a: 90. (**tx**) Wood, S. L. 1980c: 91, 1986a: 90.

euphorbiae Wood 1980c: 91. Holotype ♂; 30 km SE Puttalam, Sri Lanka; USNM, Washington.

Distribution: Asia (Sri Lanka).

Hosts: *Euphorbia antiquorum*.

References: (**tx**) Wood, S. L. 1980c: 91.

exiguus Wood 1980c: 92. Holotype ♂; 30 km SE Puttalam, Sri Lanka; USNM, Washington.

Distribution: Asia (Sri Lanka).

Hosts: *Euphorbia antiquorum*.

References: (**tx**) Wood, S. L. 1980c: 92.

Genus *Scolytogenes* Eichhoff

- Scolytogenes* Eichhoff 1878b: 475, 497. Type-species: *Scolytogenes darwini* Eichhoff, monobasic.
- Lepicerus* Eichhoff 1878b: 476, 501. Type-species: *Lepicerus aspericollis* Eichhoff, monobasic, preoccupied. Synonymy: Wood 1980c: 95. References: (tx) Eggers 1929e: 53; Eichhoff 1878b: 476, 501; Hinton 1936: 473; Hopkins 1915b: 8; Schedl 1940d: 585–587, 1952d: 344; Wood, S. L. 1954a: 996, 1980c: 95.
- Cryphalomorphus* Schaufuss 1891: 12. Type-species: *Cryphalomorphus communis* Schaufuss, monobasic. Synonymy: Schedl 1940d: 587. References: (ay) Gardner 1934: 10–11. (hb) Browne 1961c: 67. (ds) Blackwelder 1947: 778; Brimblecombe 1953: 21, 39; Hagedorn 1910d: 46. (tx) Chamberlin 1939: 279, 315–316; Eichhoff 1878b: 476, 501; Hagedorn 1910a: 80, 83, 1913b: 253; Hopkins 1914: 119, 133, 1915b: 7, 1915c: 226; Kurenzov 1941: 71; Schaufuss 1891: 12; Schedl 1938f: 41, 1939e: 337–338, 1940d: 585–587, 1950d: 2, 1952d: 344, 1954a: 138, 1957b: 152, 1957d: 59, 1959a: 476, 1961k: 523, 1962p: 203, 1963h: 265, 1963i: 62, 1965e: 349–379, 1965f: 3–15, 1970b: 358, 1971e: 11, 1977b: 44; Wood, S. L. 1954a: 980, 996–997, 1960a: 13.
- Letznerella* Reitter 1913a: 68. Type-species: *Bostrichus jalapae* Letzner, monobasic. Synonymy: Schedl 1940d: 587. References: (tx) Balachowsky 1949a: 20; Chamberlin 1939: 316; Reitter 1913a: 68; Schedl 1938f: 41, 583–587, 1952d: 344; Swaine 1918a: 90; Wood, S. L. 1954a: 996, 1960a: 37.
- Hypothenoides* Hopkins 1915b: 7, 11. Type-species: *Hypothenoides parvus* Hopkins, original designation. Synonymy: Schedl 1954a: 138. References: (tx) Hopkins 1915b: 7, 11; Schedl 1954a: 138; Wood, S. L. 1960a: 27.
- Ernoporides* Hopkins 1915b: 8, 34. Type-species: *Ernoporides floridensis* Hopkins, original designation. Synonymy: Schedl 1940d: 587. References: Chamberlin 1939: 315; Hopkins 1915b: 8, 34; Schedl 1938f: 41, 1940d: 584–587, 1952d: 344; Wood, S. L. 1954a: 990, 1960a: 27.
- Neocryphalus* Eggers 1922b: 169. Type-species: *Neocryphalus usagaricus* Eggers, monobasic. Synonymy: Schedl 1940d: 587. References: (tx) Eggers 1922b: 169; Schedl 1940d: 587, 1950d: 2, 1952d: 344, 1959a: 476; Wood, S. L. 1954a: 996, 1986: 90.
- Negritus* Eggers 1923a: 141. Type-species: *Negritus ater* Eggers, subsequent designation by Wood 1982b: 861. Synonymy: Schedl 1957b: 152. References: (tx) Eggers 1923a: 141–142; Schedl 1939e: 339, 1957b: 152, 1959a: 476; Wood, S. L. 1982b: 861.

Cylindrotomicus Eggers 1936d: 633. Type-species: *Cylindrotomicus squamulosus* Eggers, monobasic. Synonymy: Schedl 1957b: 152. References: (tx) Eggers 1936d: 633; Schedl 1957b: 152, 1959a: 476.

Lepicerinus Hinton 1936: 473. Type-species: *Lepicerus aspericollis* Eichhoff, automatic. Synonymy: Wood 1982b: 861.

References: (tx) Hinton 1936: 473; Schedl 1950d: 2, 1952d: 344; Wood, S. L. 1954a: 996, 1982b: 861.

Xylocryptus Schedl 1975f: 352. Type-species: *Xylocryptus papuanus* Schedl, original designation. Synonymy: Wood 1986: 90.

Cryphalophilus Schedl 1970b: 358. Type-species: *Cryphalophilus afer* Schedl, monobasic. Synonymy: Wood 1984b: 228, 1992b: 81.

References: (tx) Schedl 1970b: 358; Wood, S. L. 1984b: 228, 1986a: 61, 1992b: 81.

References: (tx) Schedl 1975f: 352; Wood, S. L. 1986a: 90.

Keys: Wood 1960a: 27, 1982b: 862.

References: (ay) Nobuchi 1969a: 57. (hb) Beaver 1987a: 19; Schedl 1961k: 523, 1977a: 44; Wood, S. L. 1982b: 861, 1986a: 90. (ds) Beaver 1987a: 19; Browne 1961c: 67; Schedl 1961k: 523, 1966b: 22, 1977a: 44; Wood, S. L. 1982b: 861, 1986a: 90. (tx) Arnett 1960: 1043, 1968: 1043; Choo, Woo, & Nobuchi 1988b; Eggers 1929e: 53; Eichhoff 1878b: 475, 497; Schedl 1939e: 337–338, 1961k: 523, 1962p: 203, 1977a: 44; Wood, S. L. 1982b: 861–866, 1986a: 90.

absonus (Schedl) 1975f: 344 (*Cryphalomorphus*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 344, 1979c: 9.

afer (Schedl) 1970b: 359 (*Cryphalophilus*). Holotype, sex?; Mozambique, Lourenco-Marques to Yokohama (Japan), imported; PPST, Tokyo.

Distribution: Africa (Mozambique).

References: (tx) Schedl 1970b: 359, 1979c: 14.

alternans (Schedl) 1975f: 345 (*Cryphalomorphus*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 345, 1979c: 16.

amanicus (Eggers) 1919: 239 (*Cryphalus*). Holotype, sex?; Amani (Ostafrika); Hamburg Museum, lost.

Distribution: Africa (Kenya/ Tanzania).

References: (tx) Eggers 1919: 239–240, 1931c: 185, 1932c: 23; Schedl 1940d: 587, 1961k: 525.

ankius (Schedl) 1979g: 96 (*Cryphalomorphus*). Holotype, sex?; Papua [New Guinea], Bulolo, Morobe Dist., Upper Manki L. A.; Schedl Collection in NHMW, Wien.

- Distribution: New Guinea.
References: (tx) Schedl 1979g: 96.
- apicalis** (Schedl) 1971e: 11 (*Cryphalomorphus*). Holotype, sex?; Umgebung Brazzaville; Schedl Collection in NHMW, Wien.
Distribution: Africa (Congo).
References: (tx) Schedl 1971e: 11, 1979c: 23.
- approximatus** (Schedl) 1975f: 346 (*Cryphalomorphus*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 346, 1979c: 23.
- aspericollis** (Eichhoff) 1878b: 501 (*Lepicerus*). Holotype, sex?; Hindostan Asiae (Birma); Hamburg Museum, lost.
Distribution: Africa (Ethiopia/ South Africa), Asia (Burma/ India/ Malaya), Europe (intercepted in Italy), Indonesia (Sumba).
Hosts: *Ipomoea turpethum*.
References: (ec) Schedl 1961k: 525–526. (hb) Emden 1925a: 215–216, 1925b: 89; Zacher 1927: 161. (ds) Browne 1980d: 493; Hagedorn 1910d: 69; Kleine 1913b: 121, 139, 1914b: 277–278, 1934a: 148–149; Schedl 1934f: 1643, 1961c: 71, 1961k: 525, 1965f: 4, 1971c: 363, 1975e: 447. (tx) Eggers 1925: 153, 159, 1927b: 397, 1929e: 53; Eichhoff 1878a: 388, 1878b: 501–502; Hagedorn 1904d, 1910a: 91; Hinton 1936: 473; Hopkins 1914: 124; Lucas 1920: 357; Schedl 1934f: 1643, 1940d: 584–587, 1951i: 55–56, 1961c: 71, 1961k: 525, 1965f: 4; Wood, S. L. 1954a: 996.
- stierlini** Eggers 1911a: 121 (*Cryphalus*). Lectotype, sex?; Italia: Livorno (aus dem indischen Gebiet eingeschleppt); USNM, Washington, designated by Anderson & Anderson 1971: 31. Synonymy: Eggers 1929e: 53.
References: (cn) Emden 1925b. (ds) Emden 1925b; Kleine 1913b: 118; Schaufuss 1915: 1232. (tx) Anderson, W. H. & Anderson 1971: 31; Eggers 1911a: 121, 1925: 153, 1927b: 397, 1929e: 53; Reitter 1913a: 68; Schedl 1934f: 1643, 1940d: 585, 587, 1961k: 525.
- ater** (Eggers) 1923a: 142 (*Negritus*). Lectotype, sex?; Pt. Princessa (Insel Palawan); USNM, Washington, designated by Anderson & Anderson 1971: 5.
Distribution: Indonesia (E Borneo), Philippine Islands (Palawan), Australia.
References: (ds) Schedl 1966b: 23. (tx) Anderson, W. H. & Anderson 1971: 5; Eggers 1923a: 142, 1927b: 406; Nobuchi 1983: 300; Schedl 1939e: 337–338, 1940b: 434, 1950g: 894, 1957b: 152, 1965g: 23, 1979c: 29.
- australis** (Schedl) 1942c: 175 (*Lepicerinus*). Holotype, sex?; Australien; Schedl Collection in NHMW, Wien.
Distribution: Australia.
- References: (tx) Schedl 1942c: 175, 1950f: 43, 1952d: 344, 1979c: 31.
- badius** (Nobuchi) 1975: 44 (*Cryphalomorphus*). Holotype, sex?; Inugakitage, Fukuoka pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 1, fig. 5.
Distribution: Asia (Japan).
Hosts: *Wisteria floribunda*.
References: (ds) Nobuchi 1985c: 12. (tx) Nobuchi 1975: pl. 1, 44.
- bangensis** (Eggers) 1927c: 75 (*Cryphalomorphus*). Lectotype, sex?; Philippinen: Mindanao, Provinz Zamboanga, Port Banga; USNM, Washington, designated by Anderson & Anderson 1971: 5.
Distribution: Philippine Islands (Mindanao).
Notes: (3) Schedl 1951i: 56 (described male).
References: (ds) Schedl 1966b: 23. (tx) Anderson, W. H. & Anderson 1971: 5; Eggers 1927c: 75–76, 1929e: 53; Nobuchi 1983: 300; Schedl 1940d: 587, 1951i: 50, 55–56, 1979c: 33.
- basilaris** (Wood) 1960a: 30 (*Cryphalomorphus*). Holotype ♀; Caroline Islands (Koror, Palau); USNM, Washington.
Distribution: Micronesia (Koror Island in Palau Islands in Caroline Islands).
References: (tx) Wood, S. L. 1960a: 30.
- braderi** (Browne) 1965a: 191 (*Cryphalomorphus*). Holotype, sex?; Ivory Coast: Adiopodoume; RNH, Leiden.
Distribution: Africa (Ghana/ Ivory Coast).
Hosts: *Triplochiton scleroxylon*.
References: (tx) Browne 1965a: 191; Wood, S. L. 1992b: 84.
- orientalis** Schedl 1971e: 11 (*Cryphalomorphus*). Holotype, sex?; Ghana, Bekwai; Schedl Collection in NHMW, Wien. Synonymy: Wood 1992b: 84.
References: (ds) Schedl 1972e: 281. (tx) Schedl 1971e: 11–12, 1979c: 180; Wood, S. L. 1992b: 84.
- brimblecombei** (Schedl) 1972a: 146 (*Cryphalomorphus*). Holotype, sex?; Queensland: Emu Vale; Queensland Museum, Brisbane.
Distribution: Australia (Queensland).
References: (tx) Schedl 1972a: 146, 1979c: 47.
- buruensis** (Eggers) 1926a: 300 (*Cryphalomorphus*). Holotype, sex?; Buru-Insel; Eggers Collection, in NHMW, Wien.
Distribution: Indonesia (Buru Island).
References: (tx) Eggers 1926a: 300, 1927c: 75, 1929e: 53; Schedl 1940d: 587, 1952d: 344, 1979c: 49.
- camelliae** (Nobuchi) 1975: 45 (*Cryphalomorphus*). Holotype, sex?; Tainaiyoya, Nilgata pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 1, fig. 6.
Distribution: Asia (Japan).
Hosts: *Camellia japonica rusticana*.

- References: (ds) Nobuchi 1985c: 12. (tx) Nobuchi 1975: 45–46.
- candidus** (Nobuchi) 1975: 47 (*Cryphalomorphus*). Holotype, sex?; Gyokuto, Kumamoto pref., Japan; Nobuchi Collection, Ibaraki. Figures: Nobuchi 1975: pl. 1, fig. 8. Distribution: Asia (Kyushu in Japan). References: (ds) Nobuchi 1985c: 12. (tx) Nobuchi 1975: 47.
- ceylonicus** (Schedl) 1959a: 477 (*Cryphalomorphus*). Holotype, sex?; Ceylon: Sabargamuva, Millawitiya Estate; Schedl Collection in NHMW, Wien. Distribution: Asia (Andaman Islands, Bengal, Uttar Pradesh in India/ Sri Lanka). Hosts: *Lindera pulcherrima*. References: (ds) Schedl 1959a: 477. (tx) Schedl 1959a: 477, 1979c: 56.
- cicatricosus** (Schedl) 1942c: 176 (*Lepicerinus*). Holotype, sex?; Neu-Guinea; Schedl Collection in NHMW, Wien. Distribution: Fiji, New Caledonia, New Guinea. References: (tx) Schedl 1942c: 176, 1952d: 343–344, 1978d: 73, 1979c: 57, 1979f: 103.
- coccotrypanoides** (Schedl) 1939e: 343 (*Lepicerinus*). Lectotype, sex?; Malaya, Selangor: Kuala Lumpur; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 59. Distribution: Asia (Malaya). References: (hb) Browne 1961c: 67. (ds) Browne 1961c: 67. (tx) Schedl 1939e: 343, 1940d: 588, 1952d: 343–344, 1979c: 59.
- communis** (Schaufuss) 1891: 12 (*Cryphalomorphus*). Holotype, sex?; Madagascar; Hamburg Museum, lost. Distribution: Africa (Seychelles Islands), Madagascar. Notes: (1) Schedl 1979c: 60 (reported 2 cotypes in his collection; if correct, these came from Eggers as a loan). References: (ds) Alluaud 1900: 439–442; Anonymous 1892: 165; Eggers 1926g; Fairmaire 1892b; Hagedorn 1910d: 41, 46; Kleine 1913b: 121, 126, 1914b: 326; Kolbe 1910: 40; Sampson 1914: 386. (tx) Anderson, W. H. & Anderson 1971: 9; Eggers 1926a: 300; Fairmaire 1892b; Hagedorn 1910a: 83, 1913b: 254; Hopkins 1914: 119, 133, 1915b: 14; Michalski 1969b: 570; Sampson 1914: 386; Schaufuss 1891: 11–12, 1897a: 210; Schedl 1940d: 584, 588, 1961k: 523, 1969d: 11, 1971e: 11, 1977a: 45, 1977b: 70, 1979c: 60; Wood, S. L. 1954a: 996, 1960a: 27.
- concentralis** (Schedl) 1975f: 342 (*Cryphalophilus*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 342, 1979c: 60.
- confragosus** (Sampson) 1914: 386 (*Cryphalomorphus*). Holotype, sex?; Seychelles, Mahe: Cascade Estate, 800–1000 feet; BMNH, London. Distribution: Africa (Seychelles Islands). References: (ds) Beaver 1987a: 20; Sampson 1914: 386; Schedl 1969d: 11. (tx) Sampson 1914: 386; Schedl 1952d: 344.
- corpulentus** (Schedl) 1965c: 54 (*Cryphalomorphus*). Holotype, sex?; Madagascar, Montagne d'Ambre; Schedl Collection in NHMW, Wien. Distribution: Madagascar. References: (tx) Schedl 1965c: 54, 1977a: 46, 1979c: 65.
- corrugatus** (Schedl) 1950d: 19 (*Stephanorhopalus*). Holotype ♀; Mauritius; Schedl Collection in NHMW, Wien. Distribution: Africa (Mauritius Island). References: (ds) Schedl 1969d: 11. (tx) Schedl 1950d: 19, 1962r: 94, 1969d: 11, 1977a: 46, 1979c: 66.
- creber** (Schedl) 1975f: 346 (*Cryphalomorphus*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 346, 1979c: 68.
- crenatus** (Sampson) 1914: 385 (*Cryphalomorphus*). Syntypes, sex?; Seychelles, Mahe: from high damp forest between Trois Freres and Morne Seychellois, 1500–2000 feet; BMNH, London? Distribution: Africa (Seychelles Islands). Hosts: *Wormia ferruginea*. References: (ds) Beaver 1987a: 20; Sampson 1914: 385; Schedl 1969d: 11. (tx) Sampson 1914: 385; Schedl 1952d: 344.
- cylindricus** (Schedl) 1959a: 476 (*Cryphalomorphus*). Syntypes, sex?; Ceylon: Sabargamuva, Millawitiya Estate; Schedl Collection in NHMW, Wien. Distribution: Asia (Sri Lanka/ Vietnam). References: (ds) Schedl 1959a: 476, 1962b: 186, 1971a: 280. (tx) Schedl 1959a: 476, 1979c: 73.
- darwinii** Eichhoff 1878b: 497. Holotype, sex?; Hindostan (Birma); deposited in Dohrn Collection, now in Schedl Collection in NHMW, Wien. Distribution: Asia (Burma/ Yunnan in China/ Uttar Pradesh in India/ Sri Lanka/ Vietnam), Indonesia (Java), New Guinea, Philippine Islands. Hosts: *Cryptolepis buchanani*. References: (ds) Hagedorn 1910d: 81; Kleine 1913b: 149, 1914b: 278. (tx) Eggers 1925: 159; Eichhoff 1878b: 387, 497; Hagedorn 1910a: 133; Hopkins 1914: 129; Lucas 1920: 572; Schedl 1939e: 337–338. (ms) Lucas 1920: 572.
- similis* Eggers 1923a: 142 (*Nigrites*). Lectotype, sex?; Java; USNM, Washington, designated by

- Anderson & Anderson 1971: 30. Synonymy: Wood 1985: 269.
References: **(bv)** Gray, B. 1974c. **(hb)** Gray, B. 1974c. **(tx)** Anderson, W. H. & Anderson 1971: 30; Eggers 1923a: 142; Schedl 1939c: 337–338, 1957b: 152, 1979c: 229; Wood, S. L. 1985: 269.
- major* Eggers 1927c: 69 (*Nigritus*). Lectotype, sex?; Philippinen: Mindanao, Provinz Surigao, Surigao; USNM, Washington, designated by Anderson & Anderson 1971: 19. Synonymy: Wood 1985: 269.
References: **(cn)** Mathur & Singh 1960a: 36. **(hb)** Kalshoven 1958b: 180. **(ds)** Beeson 1961: 295; Mathur & Singh 1960a: 36; Schedl 1964c: 305, 1966b: 15. **(tx)** Anderson, W. H. & Anderson 1971: 19; Eggers 1927c: 69, 1929e: 53; Nobuchi 1983: 299; Schedl 1939c: 337–338, 1942d: 1, 1951i: 55, 1974c: 262, 1979c: 146; Wood, S. L. 1985: 269.
- cryptolepis* Schedl 1951i: 55. Holotype, sex?; Nakronda, Dehra Dun, U.P., India; Schedl Collection in NHMW, Wien. Synonymy: Wood 1985: 269.
References: **(tx)** Schedl 1951i: 55, 1958i: 214, 1979c: 71; Wood, S. L. 1985: 269.
- devius* (Schedl) 1975k: 280 (*Cryphalophilus*). Holotype, sex?; Transvaal: Barberton; TMP, Pretoria. Figures: Schedl 1975k: 281.
Distribution: Africa (South Africa).
References: **(tx)** Schedl 1975k: 280–281, 1979: 79.
- eggersi* (Schedl) 1962q: 490 (*Cryphalomorphus*). Lectotype, sex?; Philippinen: Luzon, Manila; USNM, Washington, designated by Anderson & Anderson 1971: 20, automatic.
Distribution: Philippine Islands (Luzon).
References: **(tx)** Schedl 1962q: 490, 1979c: 154.
- minor* Eggers 1927c: 76 (*Cryphalomorphus*). Lectotype, sex?; Philippinen: Luzon, Manila; USNM, Washington, designated by Anderson & Anderson 1971: 20, preoccupied by Eggers 1927c: 69.
References: **(tx)** Anderson, W. H. & Anderson 1971: 20; Eggers 1927c: 76, 1929e: 53; Schedl 1939c: 338, 1962q: 490, 1979c: 154.
- excellens* (Schedl) 1979g: 97 (*Cryphalomorphus*). Holotype, sex?; Papua New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1979g: 97.
- expers* (Blandford) 1894d: 85 (*Hypothenemus*). Syntypes 2, sex?; Kumamoto and Nagasaki, Japan; BMNH, London.
Figures: Nakane et al. 1963: 382.
Distribution: Asia (Japan).
Notes: (1) Wood 1966b: 22 (to *Scolytogenes*).
References: **(ds)** Hagedorn 1910d: 42; Kleine 1913b: 124, 1914b: 257; Nakane et al. 1963: 382; Nobuchi 1985c: 12. **(tx)** Blandford 1894d: 85; Hagedorn 1910a: 86; Hopkins 1915b: 24; Murayama 1961: 31; Nakane et al. 1963: 382; Schedl 1934f: 1640; Wood, S. L. 1966b: 22.
- fijianus* (Schedl) 1950f: 42 (*Lepicerinus*). Syntypes, sex?; Fiji: Viti Levu, several localities; BPBM, Honolulu, and Schedl Collection in NHMW, Wien.
Distribution: Fiji Islands.
Hosts: *Plerandra grayi* leaf petioles.
Notes: (1) Schedl 1979c: 96 (citation of holotype invalid).
References: **(ds)** Beaver 1991: 54; Browne 1974a: 63. **(tx)** Schedl 1950f: 42, 1952d: 343–344, 1979c: 96.
- fugax* (Schedl) 1975f: 347 (*Cryphalomorphus*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1975f: 347, 1979c: 101.
- fujisanus* (Nobuchi) 1975: 46 (*Cryphalomorphus*). Holotype, sex?; Mt. Fuji, Yamanashi pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 1, fig. 7.
Distribution: Asia (Japan).
Hosts: *Pterocarya rhoifolia*.
References: **(ds)** Nobuchi 1985c: 12. **(tx)** Nobuchi 1975: 46–47.
- fulgens* (Schedl) 1975f: 348 (*Cryphalomorphus*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1975f: 348, 1979c: 101.
- fulgidus* (Schedl) 1975f: 348 (*Cryphalomorphus*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1975f: 348, 1979c: 101.
- fulvipennis* (Nobuchi) 1975: 47 (*Cryphalomorphus*). Holotype, sex?; Yona, Okinawa pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 1, fig. 9.
Distribution: Asia (Okinawa in Japan/Taiwan).
References: **(ds)** Nobuchi 1985c: 12. **(tx)** Nobuchi 1975: 47–48.
- ghanaensis* (Schedl) 1977d: 281 (*Cryphalomorphus*). Holotype, sex?; Ghana, Volta Region, N 6 degrees 70', E 0 degrees 03'; Schedl Collection in NHMW, Wien.
Distribution: Africa (Ghana).
References: **(tx)** Schedl 1977d: 281.
- gracilis* (Schedl) 1950f: 44 (*Lepicerinus*). Holotype, sex?; Fiji Islands; Eggers Collection, in NHMW, Wien.
Distribution: Fiji Islands, New Caledonia.
Hosts: *Garcinia* sp.

- References: **(ds)** Anonymous 1974a: 64. **(tx)** Schedl 1950f: 44, 1952d: 343–344, 1979c: 107.
- gramulatus (Wood)** 1960a: 31 (*Cryphalomorphus*). Holotype ♂: Kalabera area, Saipan, S. Mariana Islands: FMNH, Chicago. Distribution: Micronesia (Saipan Island in Mariana Islands). Hosts: *Cerbera manghas*. References: **(tx)** de Ruette 1970: 99; Wood, S. L. 1960a: 31.
- grobleri (Schedl)** 1962h: 68 (*Cryphalomorphus*). Holotype, sex?; Cape Province, Alexandria: NICP, Pretoria. Distribution: Africa (South Africa). Hosts: *Strychnos decussata*. References: **(tx)** Schedl 1962h: 68, 1962k: 1069, 1979c: 113.
- hirtus (Wood)** 1974a: 18 (*Cryphalomorphus*). Holotype ♀; 16 km S Oaxaca, Oaxaca, Mexico; Wood Collection. Distribution: North America (Oaxaca, Puebla in Mexico). Hosts: *Ipomoea* sp. References: **(ds)** Atkinson et al. 1986: 66; Wood, S. L. 1982b: 864. **(tx)** Wood, S. L. 1974a: 18, 1982b: 864.
- hobohmi (Schedl)** 1955i: 215 (*Cryphalomorphus*). Lectotype, sex?; S.W. Africa, Otjewarongo; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 119. Figures: Distribution: Africa (Namibia). References: **(tx)** Schedl 1955i: 211, 215, 1961k: 526, 1965c: 54, 1979c: 119.
- hylesinopsis (Schedl)** 1975f: 349 (*Cryphalomorphus*). Holotype, sex?; New Guinea, Wau, McAdam Park; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: **(tx)** Schedl 1975f: 349, 1979c: 120.
- indicus Wood** 1989: 184. Holotype, sex?; Amarkantak, Rewah State, C. I. 3500 ft.; FRI, Dehra Dun. Distribution: Asia (Burma/ Kashmir, Madhya, Uttar Pradesh in India). Hosts: *Hedera helix*, *Moringa pterygosperma*, *Stereospermum suaveolens*, *Valleria haynei*. Notes: (3) This is *indicus* Beeson 1941 (1961: 240), nomen nudum. Schedl 1979c: 127 (cited it as a synonym of *varius* Schedl; however, 2 distinct species are represented by these names). References: **(tx)** Schedl 1939e: 343, 1940d: 588, 1959a: 477, 1979c: 123; Wood, S. L. 1989: 184.
- insularis (Nobuchi)** 1975: 48 (*Cryphalomorphus*). Holotype, sex?; Kawada, Miyake Is., Tokyo, Japan; Nobuchi Collection, Ibaraki. Figures: Nobuchi 1975: pl. 1. Distribution: Asia (Mikura Island in Japan). References: **(ds)** Nobuchi 1985c: 12. **(tx)** Nobuchi 1975: 48, pl. 1.
- jalapae (Letzner)** 1848b: 99 (*Bostrichus*). Syntypes, sex?; taken from Jalapa root in Mexico; not located. Distribution: North America (Mexico), transported through commerce to many parts of the world but not established there. Hosts: Presumably *Exogonium jalapa*. References: **(ay)** Imhoff 1856: 228. **(cn)** Hagedorn 1913a; Kleine 1932a: 297; Mumford 1960: 22; Swaine 1918a: 90. **(ec)** Wichmann 1955a: 96. **(hb)** Blandford 1894b; Chamberlin 1939: 316; Dombrowsky 1887; Eichhoff 1881a: 46, 187; Hagedorn 1903a, 1913a; Kleine 1932a: 297; Lengerken 1939: 63, 1954: 83; Swaine 1918a: 90; Wachtl 1876a: 458; Wood, S. L. 1953: 73, 1954a: 997, 1982b: 866. **(ds)** Anonymous 1926c: 518; Blackwelder 1947: 778; Blandford 1894b: 261, 1897b, 1904: 226; Calwer 1884, 1893; Chamberlin 1939: 316; Cola 1973; Ferrer 1942; Gemminger & Harold 1872: 2683; Hagedorn 1903a, 1910d: 43, 1913a: 46–47; Hamilton 1889: 158, 1894b: 406; Henshaw 1885: 148, 1895: 44; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Horion 1935, 1951; Kleine 1914b: 349, 1932a: 297, 1934a: 142; Koltze 1901: 153; Lacordaire 1866: 383; Leonard 1928: 518; Lomnicki 1913b: 148; Mumford 1960: 22; Nunberg 1964a: 235; Pittioni 1943: 176; Reitter 1894a: 70, 1916: 289, 350; Schedl 1980a: 17; Schwarz 1883: 40, 140, 1886: 42, 1901: 432; Seidlitz 1891a: 562, 1891b: 608; Stein 1868: 114; Stein & Weise 1877: 164; Swaine 1909: 92; Townsend 1889: 235; Wachtl 1876a: 458; Wichmann 1927a: 79, 1955a: 96; Wood, S. L. 1977a: 69, 1982b: 866. **(tx)** Balachowsky 1949a: 201; Berger 1917: 226–248; Blandford 1894b: 261, 1904: 226; Chamberlin 1939: 316; Dombrowsky 1887; Eichhoff 1878b: 134, 1881a: 46, 74, 187, 1883a: 110, 133; Fauvel 1889; Ferrari 1867a: 12, 14, 16; Hagedorn 1910a: 86; Hopkins 1915b: 35; Kuhnt 1913: 1055; Lacordaire 1866: 383; Letzner 1844, 1848b: 99; Lindemann 1875c: 321; Portevin 1935: 324; Reitter 1894a: 70, 1908a: 56, 1913a: 68, 1916: 289, 350; Schedl 1934f: 1639, 1938f: 41, 1940a: 341, 1940d: 584, 588, 1959a: 476, 1965i: 368, 1980a: 17; Schwarz 1886: 42; Seidlitz 1891a: 562, 1891b: 608; Swaine 1909: 92, 1918a: 90; Wood, S. L. 1953: 73, 1954a: 997, 1982b: 866.
- knabi (Hopkins)** 1915b: 34 (*Ernoporides*). Holotype ♀; Cordoba, Mexico; USNM, Washington. Figures: Bright 1972d: 59. Distribution: Antilles Islands (Cuba/ Dominican Republic/ Guadaloupe/ Jamaica/ Tortola in British West Indies, introduced?), Asia (Japan, introduced?), North America (Guatemala/ Honduras/ Chiapas, Nayarit, Oaxaca, Veracruz in Mexico/

Florida in USA, introduced?), South America (Brazil/ Venezuela/ introduced?).

Hosts: *Calonciton tannifolium*, *Candiosperma holacobium*, *Ipomoea pres-carpae*, *Serjania* spp., and other lianas.

Notes: Although known primarily from tropical America where it has no near relatives, this species was probably introduced; its occurrence in Japan supports that supposition.

References: (hb) Burgos & Saucedo 1982b: 865; Wood, S. L. 1982b: 865. (ds) Atkinson & Equihua 1985c: 356, 1988: 100; Atkinson et al. 1986: 66; Bright 1972d: 61, 1976d: 61, 1985c: 175; Burgos & Saucedo 1983: 103; Ferrer 1942; Schedl 1940a: 342, 1940d: 588, 1960d: 75; Wood, S. L. 1982b: 865. (tx) Bright 1972d: 59, 1976d: 61, 1985c: 175; Hopkins 1915b: 34; Schedl 1940a: 342, 1940d: 588, 1959a: 477, 1960a: 75; Wood, S. L. 1966b: 23, 1977c: 385, 1982b: 865.

floridensis Hopkins 1915b: 34 (*Ernoporides*). Holotype ♀; Biscayne, Florida [USA]; USNM, Washington. Synonymy: Wood 1966b: 23.

References: (hb) Chamberlin 1939: 315; Wood, S. L. 1954a: 998. (ds) Blatchley & Leng 1916: 604; Chamberlin 1939: 315. (tx) Balachowsky 1949a: 201; Blatchley & Leng 1916: 604; Chamberlin 1939: 315; Hopkins 1915b: 34; Schedl 1940d: 588; Wood, S. L. 1954a: 979, 998, 1966b: 22.

ritchiei Sampson 1918: 295 (*Hypothenemus*). Syntypes ♀; Jamaica; BMNH, London. Synonymy: Wood 1966b: 23.

References: (ds) Gowdey 1926: 27. (tx) Eggers 1940a: 108; Sampson 1918: 295; Schedl 1940d: 588; Wood, S. L. 1966b: 23.

caraibicus Schedl 1951m: 96 (*Cryphalomorphus*). Syntypes, sex?; Guadeloupe, Delanney; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 23.

References: (tx) Schedl 1951m: 96, 1979c: 53; Wood, S. L. 1966b: 23.

minutissimus Schedl 1951m: 97 (*Cryphalomorphus*). Holotype ♂; Guadeloupe, Env. de Trois-Rivieres; Schedl Collection in NHMW, Wien. Synonymy: Wood 1977c: 385.

References: (tx) Schedl 1951m: 97, 1979c: 156; Wood, S. L. 1977c: 385.

subtriatus Schedl 1952d: 360 (*Cryphalomorphus*). Holotype, sex?; Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 23.

References: (tx) Schedl 1951m: 97, 1952d: 360, 1979c: 244; Wood, S. L. 1966b: 23.

alienus Schedl 1976a: 65 (*Cryphalomorphus*). Holotype, sex?; Corcovado, Guanabara, Brasil; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 175.

References: (tx) Schedl 1976a: 65; Wood, S. L. 1989: 175.

landolphiae (Schedl) 1961e: 133 (*Cryphalomorphus*). Holotype ♀; Madagascar, Perinet; IRSM, Madagascar.

Distribution: Madagascar.

References: (hb) Schedl 1977a: 45. (tx) Schedl 1961e: 133, 1965c: 56, 1977a: 46, 1979c: 136.

leprosulus (Browne) 1974a: 66 (*Cryphalomorphus*). Holotype, sex?; Fiji: Viti Levu, Nandarivatu; BMNH, London.

Distribution: Fiji Islands.

Hosts: *Garcinia* sp.

References: (ec) Roberts 1976: 377. (hb) Roberts 1976: 377. (ds) Browne 1974a: 63, 66; Roberts 1976: 377. (tx) Browne 1974a: 66.

longipennis (Eggers) 1936b: 30 (*Cryphalomorphus*). Holotype, sex?; Abyssinia: Mt. Chillalo in the Forest, circa 9000 feet; BMNH, London.

Distribution: Africa (Ethiopia).

References: (tx) Browne 1965: 191; Eggers 1936b: 30; Schedl 1940d: 588, 1961k: 527.

mauritanus (Schedl) 1965c: 56 (*Cryphalomorphus*). Holotype, sex?; Mauritius; Schedl Collection in NHMW, Wien.

Distribution: Africa (Mauritius Island).

References: (ds) Schedl 1969d: 10. (tx) Schedl 1965c: 10, 56, 1969d: 10, 1977a: 47, 1979c: 150.

micans (Eggers) 1927b: 396 (*Stephanoderes*). Holotype, sex?; Java (Tenggergebirge); Eggers Collection, in NHMW, Wien.

Distribution: Indonesia (Java).

References: (tx) Eggers 1927b: 396, 1940b: 62; Schedl 1952d: 343–344, 1979c: 152.

minor (Eggers) 1927c: 69 (*Negritus*). Holotype, sex?; Philippinen: Mindanao, Provinz Zamboanga, Port Banga; Eggers Collection [not mentioned by Anderson & Anderson 1971 or Schedl 1979c].

Distribution: Asia (Malaya/ Vietnam), Philippine Islands (Mindanao).

References: (ds) Schedl 1962b: 186, 1966b: 15, 23, 1971c: 363. (tx) Eggers 1927c: 69, 76, 1929e: 53; Schedl 1939e: 337, 1940d: 588, 1942c: 175, 1942d: 2, 1950f: 44, 1951i: 50, 1962q: 490.

mus (Schedl) 1975f: 349 (*Cryphalomorphus*). Holotype, sex?; New Guinea, Wau; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 349, 1979c: 162.

nanulus (Wood) 1960a: 29 (*Cryphalomorphus*). Holotype, sex?; Mt. Tagpochau, Saipan; FMNH, Chicago.

Distribution: Micronesia (Saipan, Tinian in Caroline Islands).

References: (tx) de Ruelle 1970: 99; Wood, S. L. 1960a: 29.

nigellatus (Schedl) 1950f: 44 (*Lepicerinus*). Holotype, sex?; Fiji; Eggers Collection, in NHMW, Wien.

- Distribution: Fiji Islands.
References: (ds) Browne 1974a: 63. (tx) Schedl 1950f: 44, 1951m: 97, 1952d: 343–344, 1979c: 166.
- nubilus** (Wood) 1960a: 30 (*Cryphalomorphus*).
Holotype ♀; Ine I., Arno Atoll, Marshall Islands; USNM, Washington.
Distribution: Micronesia (Caroline Islands/ Arno Atoll in Marshall Islands).
Hosts: *Scaevola frutescens*.
References: (tx) de Ruelle 1970: 99; Wood, S. L. 1960a: 30.
- ocularis** (Schedl) 1965e: 368 (*Cryphalomorphus*).
Holotype, sex?; Congo ex belge-Leopoldville; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: (tx) Schedl 1965e: 368, 1979c: 177.
- onynganus** (Schedl) 1941d: 391 (*Letznerella*).
Lectotype, sex?; Mt. Cameroon, Onyanga, 8100 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 178.
Distribution: Africa (Cameroon/ Kenya/ Nigeria/ South Africa/ Tanzania/ Uganda).
Hosts: *Acacia decurrens*, *Celtis* sp., *Euclea lanceolata*.
References: (tx) Browne 1973a: 290; Schedl 1940d: 588, 1941d: 391–392, 1952d: 344, 1961k: 527, 1979c: 178.
similaris Schedl 1965f: 8 (*Cryphalomorphus*).
Holotype, sex?; Uganda, Mpanga; BMNH, London. Synonymy: Browne 1973a: 290.
References: (ds) Browne 1970: 540; Schedl 1969d: 5, 1982: 278. (tx) Browne 1973a: 290; Schedl 1965c: 55, 1965f: 8, 1979c: 229.
- opacus** (Schedl) 1959a: 477 (*Cryphalomorphus*).
Holotype, sex?; Ceylon: Sabargamuva, Millawitiya Estate; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka).
References: (ds) Schedl 1959a: 477. (tx) Schedl 1959a: 477, 1979c: 179.
- pacificus** (Schedl) 1942c: 176 (*Lepicerinus*). Lectotype, sex?; Piti, Guam; Schedl Collection in NHMW, Wien.
Distribution: Micronesia (Caroline Islands/ Guam, Truk in Mariana Islands).
Hosts: Breadfruit.
References: (ds) Wood, S. L. 1960a: 27. (tx) Schedl 1942c: 176, 1950f: 44, 1952d: 343–345, 1960a: 27–28, 1979c: 182.
- papuanus** (Schedl) 1974d: 459 (*Cryphalomorphus*).
Holotype, sex?; Panganda logging area, Walnut Valley, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Evodia* sp., *Nothofagus* sp.
References: (tx) Schedl 1974d: 459, 1979c: 183.
- papuensis** Wood 1989: 179. Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
- References: Wood, S. L. 1989: 179, 1992b: 79–80.
papuanus Schedl 1975f: 352 (*Xylocryptus*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1974.
References: (tx) Schedl 1975f: 352, 1979c: 184; Wood, S. L. 1989: 179, 1992b: 79–80.
- paradoxus** Wood 1992b: 80. Holotype, sex?; Papua New Guinea; Schedl Collection in NHMW, Wien, automatic.
Distribution: New Guinea.
References: (tx) Wood, S. L. 1992b: 80.
papuanus Schedl 1979g: 97 (*Cryphalomorphus*).
Holotype, sex?; Papua New Guinea; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1974.
References: (tx) Schedl 1979g: 97; Wood, S. L. 1992b: 80.
- parvatis** (Wood) 1974a: 17 (*Cryphalomorphus*).
Holotype ♀; La Lima, Cortez, Honduras; Wood Collection.
Distribution: North America (Costa Rica/ Honduras).
Hosts: *Cestrum scandens*.
References: (tx) Wood, S. L. 1974a: 17, 1982b: 862–863.
- parvus** (Hopkins) 1915b: 11 (*Hypothenoides*).
Holotype, sex?; Calapan, Philippine Islands; USNM, Washington.
Distribution: Philippine Islands.
Hosts: *Lemon silvestre*.
References: (ds) Kleine 1934a: 148; Schedl 1966b: 23. (tx) Hopkins 1915b: 11; Nobuchi 1983: 300.
- pityophthorinus** (Schedl) 1943b: 39 (*Lepicerinus*).
Holotype, sex?; Balbolan [=Balbalan], Philippines; Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands.
Notes: (1) Schedl 1979c: 195 (Errors in spelling both generic and specific names in the original publication are considered lapsus calami and were corrected).
References: (ds) Schedl 1966b: 24. (tx) Nobuchi 1983: 300; Schedl 1943b: 39, 1952d: 345, 1979c: 195.
- pleiocarpae** (Schedl) 1957d: 51 (*Cryphalomorphus*). Holotype, sex?; Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1961k: 528.
Distribution: Africa (Angola/ Ghana/ Zaire).
Hosts: *Pleiocarpa micrantha*, *P. tubicina*.
References: (ec) Schedl 1958d: 188, 193, 1961k: 527, 1972c: 67. (hb) Schedl 1961k: 527. (ds) Ferreira 1965: 1114; Schedl 1959p: 17, 1961k: 527, 1964j: 40. (tx) Schedl 1957d: 51, 1961e: 133, 1961k: 527–528, 1965f: 8, 1979c: 196.

- praeda (Browne)** in Beaver & Browne 1978: 589 (*Ptilopodius*). Holotype, sex?; Malaysia: BMNH, London.
Distribution: Asia (Malaya).
References: **(tx)** Beaver 1991: 53; Beaver & Browne 1978: 604; Browne 1979: 589.
- puerarae Choo & Woo** 1989: 58. Holotype ♀; Korea: Sacheon, Gyeongnam province; not given.
Figures: Choo & Woo 1989: 60.
Distribution: Asia (Korea).
Hosts: *Pueraria thungergiana*.
References: **(tx)** Choo & Woo 1989: 58–60.
- pumilionides (Schedl)** 1977f: 500 (*Cryphalomorphus*). Holotype, sex?; India: Kerala; Schedl Collection in NHMW, Wien.
Distribution: Asia (Kerala in India).
References: **(tx)** Schedl 1977f: 500.
- pumilus (Wood)** 1960a: 29 (*Cryphalomorphus*). Holotype ♀; northwest slope, Mt. Lasso, Tinian; FMNH, Chicago.
Distribution: Micronesia (Tinian Island).
References: **(tx)** Wood, S. L. 1960a: 28–29.
- punctatulus Nobuchi** 1976: 72. Holotype, sex?; Mt. Inugaki, Fukuoka pref., Japan; Nobuchi Collection, Ibaraki, automatic.
Figures: Nobuchi 1975: pl. 1, fig. 11.
Distribution: Asia (Japan).
Hosts: *Trachelospermum asiaticum*.
References: **(ds)** Nobuchi 1985c: 12. **(tx)** Nobuchi 1976: 72.
- punctatus Nobuchi** 1975: 49 (*Cryphalomorphus*). Holotype, sex?; Inugaki, Fukuoka pref., Japan; Nobuchi Collection, Ibaraki, preoccupied by Schedl 1951.
References: **(tx)** Nobuchi 1975: 49, 1976: 72, 1985c: 12.
- nobuchii Schedl** 1980: 118 (*Cryphalomorphus*). Holotype, sex?; Mt. Inugaki, Fukuoka pref., Japan; Nobuchi Collection, Ibaraki, automatic.
Notes: (1) This is an unneeded replacement name.
References: **(tx)** Choo & Woo 1989a; Schedl 1980: 118.
- punctatus (Schedl)** 1951i: 55 (*Cryphalomorphus*). Holotype, sex?; Himalaya, Darjeeling; Schedl Collection in NHMW, Wien.
Figures: Nobuchi 1975: pl. 1.
Distribution: Asia (Bengal in India).
References: **(tx)** Nobuchi 1975: pl. 1, 1976: 72; Schedl 1951i: 55, 1952d: 345, 1979c: 204.
- puncticollis (Schedl)** 1950f: 43 (*Lepicerinus*). Syn-types, sex?; Fiji: Viti Levu, several localities; BPBM, Honolulu, and Schedl Collection in NHMW, Wien.
Distribution: Fiji Islands.
Notes: (1) Schedl 1979c: 205 (citation of holotype invalid).
- References: **(ds)** Browne 1974a: 63. **(tx)** Beaver 1991: 93; Schedl 1950f: 43, 1952d: 345, 1979c: 205.
- grossepunctatus Browne** 1974a: 66 (*Cryphalomorphus*). Holotype, sex?; Fiji: Viti Levu, Nausori Highlands; BMNH, London. Synonymy: Beaver 1991: 93.
Notes: (3) Schedl 1980d: 118 (treated as a synonym of *gracilis*).
References: **(ec)** Roberts 1976: 376. **(hb)** Roberts 1976: 376. **(ds)** Browne 1974a: 63; Roberts 1976: 376. **(tx)** Beaver 1991: 93; Browne 1974a: 66; Schedl 1980d: 118.
- pygmaeolus (Schedl)** 1971e: 12 (*Cryphalomorphus*). Holotype, sex?; Cote d'Ivoire, Forêt du Banco; Schedl Collection in NHMW, Wien.
Distribution: Africa (Ivory Coast).
References: **(tx)** Schedl 1971e: 12, 1979c: 207.
- quadridens (Browne)** 1984f: 71 (*Hypothenemus*). Holotype, sex?; New Guinea: Morobe District, Wau, 1700 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Macaranga aleurutoides*.
References: **(tx)** Beaver 1991: 54; Browne 1984f: 71.
- robustus (Schedl)** 1955c: 32 (*Cryphalomorphus*). Lectotype, sex?; Somalia It: Belet Uen-Gabredarre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 212.
Distribution: Africa (Somalia).
References: **(tx)** Schedl 1955c: 32, 1961k: 533, 1979c: 212.
- rusticus (Wood)** 1974a: 18 (*Cryphalomorphus*). Holotype ♀; 33 km N Nuchitlan, Jalisco, Mexico; Wood Collection.
Figures: Atkinson et al. 1986: 73.
Distribution: North America (Chiapas, Guajuato, Jalisco, Michoacan in Mexico).
Hosts: *Ipomoea* sp.
References: **(ec)** Equihua & Atkinson 1986: 633. **(hb)** Atkinson & Equihua 1985c: 356; Atkinson et al. 1986: 66; Burgos & Saucedo 1983: 101; Equihua & Atkinson 1986: 633; Wood, S. L. 1982b: 864. **(ds)** Atkinson & Equihua 1985c: 356; Atkinson et al. 1986: 66; Burgos & Saucedo 1983: 101; Equihua & Atkinson 1986: 633; Wood, S. L. 1982b: 864. **(tx)** Atkinson et al. 1986: 73; Wood, S. L. 1974a: 18, 1982b: 864–865.
- samoanus (Browne)** 1977c: 61 (*Cryphalomorphus*). Holotype, sex?; Samoa: Upolu; BMNH, London.
Distribution: Samoan Islands.
Hosts: *Psidium guajava*, *Theobroma cacao*.
References: **(hb)** Beaver 1976b: 534. **(ds)** Beaver 1976d: 534. **(tx)** Browne 1977c: 61.
- scolytomimoides (Nobuchi)** 1975: 50 (*Cryphalomorphus*). Holotype, sex?; Asakawa, Tokyo, Japan.
Figures: Nobuchi 1975: pl. 1.
Distribution: Asia (Japan).
Hosts: *Trachelospermum asiaticum*.

- References: (ds) Nobuchi 1955c: 12. (tx) Nobuchi 1975: 50, pl. 1.
- separandus** (Schedl) 1965c: 56 (*Cryphalomorphus*). Holotype, sex?; Madagascar; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
References: (tx) Schedl 1965c: 56, 1977a: 47, 1979c: 225.
- setifer** (Wood) 1974a: 18 (*Cryphalomorphus*). Holotype ♀; Volcan Pacaya, Esquintla, Guatemala; Wood Collection.
Distribution: North America (Guatemala).
Hosts: Liana.
References: (ds) Wood, S. L. 1982b: 863. (tx) Wood, S. L. 1974a: 18, 1982b: 863–864.
- sodalis** (Schedl) 1965c: 55 (*Cryphalomorphus*). Holotype, sex?; Madagascar, Perinet; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
Hosts: *Landolphia* sp.
References: (tx) Schedl 1965c: 55, 1977a: 47, 1979c: 231.
- spirostachius** (Schedl) 1958a: 557 (*Ptilopodius*). Holotype, sex?; Zululand: W. Umfolosi Riv.; BMNH, London.
Distribution: Africa (South Africa).
Hosts: *Spirostactys* sp.
References: (ds) Schedl 1961k: 455, 1965h: 111. (tx) Schedl 1958a: 557, 1961k: 455, 1979c: 235.
- splendens** (Schedl) 1975f: 350 (*Cryphalomorphus*). Holotype, sex?; Bulolo, Compt. 5, Taun logging area, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 350, 1979c: 235.
- squamatilis** (Schedl) 1977f: 500 (*Cryphalomorphus*). Holotype, sex?; Vietnam: Dinh by NE of Hanoi; Schedl Collection in NHMW, Wien.
Distribution: Asia (Vietnam).
References: (tx) Schedl 1977f: 500.
- squamosus** (Schedl) 1942c: 175 (*Lepicerinus*). Holotype, sex?; Neu-Guinea, Kapa-Kapa; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (bv) Gray, B. 1974c. (hb) Gray, B. 1974c. (ds) Browne 1961c: 79. (tx) Schedl 1942c: 175, 1943b: 40, 1951m: 96, 1952d: 345, 1979c: 236.
- squamulosus** (Eggers) 1936d: 633 (*Cylindrotomicus*). Holotype, sex?; Vorderindien (Mysore: Jakkur); BMNH, London, 1 Eggers cotype, in NHMW, Wien.
Distribution: Asia (Karnataka in India).
Hosts: Wild creeper.
References: (tx) Eggers 1936d: 633; Schedl 1957b: 152, 1979c: 236.
- sumatranus** (Schedl) 1970b: 358 (*Chiloxylon*). Holotype, sex?; Sumatra, Palembang to Akita (Japan), imported; PPST, Tokyo.
Distribution: Indonesia (Sumatra).
Hosts: Pulau log.
References: (ds) Browne 1980d: 491; Ohno, Yonevama, & Nakazawa 1982b: 7. (tx) Schedl 1970b: 358, 1979c: 246.
- tonsus** (Schedl) 1969c: 49 (*Cryphalomorphus*). Holotype, sex?; N. Vietnam: Hoa Binh, Tonkin.
Distribution: Asia (Vietnam).
References: (tx) Schedl 1969c: 49, 1979c: 254.
- tricolor** (Lea) 1910: 141 (*Cryphalus*). Holotype, sex?; Queensland: Cairns; SAM, Adelaide.
Distribution: Australia (Queensland).
Hosts: *Millettia megasperma*.
References: (ds) Brimblecombe 1953: 21; Schedl 1972a: 144. (tx) Lea 1910: 141; Schedl 1938f: 34, 41, 1940d: 588.
- trucis** (Wood) 1974a: 19 (*Cryphalomorphus*). Holotype ♀; 16 km S Oacaca, Oaxaca, Mexico; Wood Collection.
Distribution: North America (Oaxaca, Puebla in Mexico).
Hosts: *Ipomoea* sp.
References: (ds) Wood, S. L. 1982b: 866. (tx) Wood, S. L. 1974a: 19, 1982b: 866.
- uncatus** (Schedl) 1971c: 373 (*Cryphalophilus*). Holotype, sex?; Ins. Kei (Planten); MNHN, Paris.
Distribution: Indonesia (Kei Island), Niue Island, Tahiti.
References: (tx) Schedl 1971c: 373, 1979c: 260.
- ater** Schedl 1972a: 146 (*Cryphalomorphus*). Holotype, sex?; Queensland: Yarraman; Queensland Museum, Brisbane, preoccupied by Eggers 1923. Synonymy: Beaver 1991: 93.
References: (tx) Beaver 1991: 93; Schedl 1940b: 434, 1950g: 894, 1972a: 146, 1972b: 267, 1979c: 29.
- usagaricus** (Eggers) 1922b: 169 (*Neocryphalus*). Holotype, sex?; Sudost-USagra in Deutsch-Ostafrika; Methner Collection in MNH, Berlin, 1 Eggers cotype, in NHMW, Wien.
Distribution: Africa (Kenya/ Tanzania).
References: (hb) Roberts 1969: 123. (ds) Schedl 1971e: 5. (tx) Eggers 1922b: 169; Schedl 1950d: 2, 1952d: 345, 1955i: 215, 1961k: 534, 1979c: 262.
- varius** (Schedl) 1975f: 350 (*Cryphalomorphus*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 350, 1979c: 265.

Genus *Hemicryphalus* Schedl

- HEMICRYPHALUS SCHEDL 1963h: 264. Type-species: *Eidophelus argutus* Wood, original designation.
Keys: Wood 1960a: 32.
Notes: (3) Schedl 1965a: 341 (used *Taphropteris*, nomen nudum, to cite a member of this genus).
References: (hb) Wood, S. L. 1986a: 90. (ds)

Wood, S. L. 1986a: 90. (**tx**) Schedl 1963h: 264, 1965a: 341; Wood, S. L. 1986a: 90.

argutus (Wood) 1960a: 33 (*Eidophelus*). Holotype ♀; Saipan, S. Mariana Is.; FMNH, Chicago.

Figures: Wood 1960a: 33.

Distribution: Micronesia (Saipan in Mariana Islands).

References: (**tx**) de Ruelle 1970: 101; Schedl 1963h: 264; Wood, S. L. 1960a: 33.

atomus (Wood) 1960a: 34 (*Eidophelus*). Holotype ♂; Kolonia (Yaptown), Yap, Yap Is.; USNM, Washington.

Distribution: Micronesia (Yap Islands).

References: (**tx**) Schedl 1963h: 264; Wood, S. L. 1960a: 34.

incomptus (Wood) 1960a: 32 (*Eidophelus*). Holotype ♀; Iwo Jima, Volcano Is.; FMNH, Chicago. Distribution: Micronesia (Iwo Jima in Volcano Islands).

References: (**tx**) Schedl 1963h: 264; Wood, S. L. 1960a: 32.

Genus *Eidophelus* Eichhoff

EIDOPHELIUS EICHHOFF 1875: 200. Type-species: *Eidophelus imitans* Eichhoff, monobasic.

Phellodendrophagus Krivolutsкая 1958: 150.

Type-species: *Phellodendrophagus elegans* Krivolutsкая = *Eidophelus imitans* Eichhoff, monobasic. Synonymy: Schedl 1962q: 493.

References: (**tx**) Krivolutsкая 1958: 150; Schedl 1962q: 493.

References: (**hb**) Wood, S. L. 1986a: 90. (**ds**) Wood, S. L. 1986a: 90. (**tx**) Choo 1983: 76; Choo, Woo, & Nobuchi 1988b; Eichhoff 1875: 200; Hopkins 1915b: 8; Murayama 1930: 21–22; Niisima 1917: 1; Schedl 1938a: 158, 1962q: 493; Wood, S. L. 1960a: 31, 1986a: 90.

borneensis Browne 1984a: 153. Holotype, sex?; Baram (Sarawak) to Nagoya (Japan), imported; BMNH, London.

Distribution: Indonesia (Sarawak in Borneo).

Hosts: *Terminalia* sp.

References: (**tx**) Browne 1984a: 153.

gracilis Browne 1984a: 152. Holotype, sex?; Lasibu (New Britain) to Nagoya (Japan), imported; BMNH, London.

Distribution: New Britain Island.

Hosts: *Labulla* log.

References: (**ds**) Ohno, Yoshioka, et al. 1989: 60. (**tx**) Browne 1984a: 152.

imitans Eichhoff 1875: 201. Syntypes, sex?; Japan; 1 in BMNH, London.

Figures: Krivolutsкая 1958: 150, Kusch 1967: 10.

Distribution: Asia (Uttar Pradesh in India/ Japan/ Korea/ Nepal/ Sri Lanka/ Sakhalin Island in E USSR).

Hosts: *Phellodendron sachalinensis*, *Quercus acutissima*, *Toxicodendron trichocarpum*.

References: (**cn**) Shiraki 1952. (**ds**) Blandford 1894c; Cho 1957; Choo & Woo 1985: 165; Hagedorn 1910d: 69; Kleine 1913b: 139, 1914b: 258, 1934a: 158; Ko 1969: 276; Murayama 1929b: 2, 1930b: 17, 1937b: 375, 1954b: 200; Nobuchi 1967: 20; Shiraki 1952. (**tx**) Choo 1983: 76; Eichhoff 1875: 201, 1877a: 118; Hagedorn 1910a: 90; Hopkins 1914: 121; Murayama 1930b: 17, 21–22, 31, 1937b: 375, 1954b: 200; Nobuchi 1981c: 29; Schedl 1934f: 1643, 1962b: 191.

elegans Krivolutsкая 1958(?): (p. ?, 150) (*Phellodendrophagus*). Holotype, sex?; Sakhalin Island; Zoological Institute, Academy of Science, Vladivostok. Synonymy: Wood 1989: 172. Notes: Krivolutsкая 1958: 150 apparently is not the original description of this name.

References: (**hb**) Krivolutsкая 1973: 137. (**ds**) Krivolutsкая 1965a: 236, 1973: 137; Krivolutsкая & Kupyanskaya 1970. (**tx**) Krivolutsкая 1958: 150; Schedl 1962q: 493; Wood, S. L. 1989: 172.

nitidus Schedl 1959a: 475 (*Ptilopodius*). Holotype ♀; Ceylon: Sabargamuva, Millawitiya Estate; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 172.

References: (**ds**) Evans, D., Lowe, & Hunt 1978; Kusch 1967; Schedl 1959a: 475, 1965g: 20. (**tx**) Kusch 1967: 10; Schedl 1959a: 475, 1979c: 170; Wood, S. L. 1989: 172.

minutissimus Schedl 1962b: 191. Holotype ♀; Tonkin: Saigon; MNHN, Paris.

Distribution: Asia (Vietnam).

Notes: (1) Schedl 1979c: 156 (suggested a transfer to *Acanthotomicus* [not seen by us]).

References: (**tx**) Schedl 1962b: 191, 1979c: 156.

minutus Blandford 1894d: 88. Holotype, sex?; Chiusenji, Japan; BMNH, London.

Distribution: Asia (Japan).

References: (**ds**) Blandford 1894c: 579; Hagedorn 1910d: 69; Kleine 1913b: 139, 1914b: 258; Murayama 1954b: 165. (**tx**) Blandford 1894d: 88; Hagedorn 1910a: 90; Lucas 1920: 256; Murayama 1954b: 165; Nobuchi 1981c: 29; Schedl 1934f: 1643. (**ms**) Lucas 1920: 256.

samoanus Schedl 1972b: 268. Holotype, sex?; Samoa, Upolu; Schedl Collection in NHMW, Wien.

Distribution: Samoan Islands.

References: (**ds**) Beaver 1976b: 536. (**tx**) Schedl 1972b: 268, 1979c: 218.

sumatranus Schedl 1961c: 72. Holotype, sex?; Sumatra's Ostkuste, Bandar Baroe, 850 m; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Sumatra).

Notes: (1) Schedl 1979c: 246 (suggested a transfer to *Acanthotomicus* [not seen by us]).

References: (**tx**) Schedl 1961c: 72, 1979c: 246.

Genus *Hypocryphalus* Hopkins

HYPOCRYPHALUS HOPKINS 1915b: 8, 41. Type-species: *Hypocryphalus rotundus* Hopkins, original designation.

Dacryphalus Hopkins 1915b: 8, 42. Type-species: *Dacryphalus obesus* Hopkins, original designation. Synonymy: Schedl 1938f: 48.

References: (tx) Hopkins 1915b: 8, 42; Schedl 1938f: 48, 1960g: 142; Wood, S. L. 1954a: 999.

References: (ay) Nobuchi 1969a: 58. (hb) Beaver 1987a: 18; Browne 1961c: 67; Schedl 1961k: 542, 1977a: 57; Wood, S. L. 1982b: 871. (ds) Beaver 1987a: 18; Beeson 1938: 288; Blackwelder 1947: 778; Brimblecombe 1953: 19; Browne 1961c: 67; Kalshoven 1945: 8; Schedl 1961k: 542, 1966b: 25, 1977a: 57; Wood, S. L. 1982b: 871. (tx) Arnett 1960: 1043, 1968: 1043; Hopkins 1915b: 8, 41; Schedl 1938f: 48, 1939i: 382, 1959a: 483, 1961k: 542, 1962h: 67, 1962m: 697–699, 1963j: 478, 1964i: 246–249, 1964m: 305, 1977a: 57; Wood, S. L. 1954a: 991, 1960a: 13, 1961a: 45, 1982b: 871, 1986a: 90.

aciculatus Schedl 1939e: 341. Lectotype, sex?; Malaya, Pahang: Semangkok For. Res., 2000 feet; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 10.

Distribution: Asia (Malaya).

References: (tx) Schedl 1939e: 341, 1962r: 106, 1979c: 10.

afiamalus Schedl 1951k: 148. Lectotype, sex?; Upolu, Afiamalu: 2100 feet; Schedl Collection in NHMW, Wien.

Distribution: Samoan Islands.

References: (ds) Beaver 1976b: 534. (tx) Schedl 1951k: 134, 148, 1979c: 14.

angustior (Eggers) 1927b: 300 (*Cryphalus*). Holotype ♂; Sud-Sumatra: Buru; USNM, Washington.

Distribution: Indonesia (Sumatra).

References: (tx) Anderson, W. H. & Anderson 1971: 4; Eggers 1927b: 300; Schedl 1950g: 36–37, 1979c: 21.

asper (Broun) 1881: 742 (*Tomicus*). Syntypes, sex?; Wellington, New Zealand; not located.

Distribution: New Zealand.

References: (ds) Hagedorn 1910d: 48; Kleine 1913b: 127. (tx) Broun 1881: 742; Schedl 1938f: 48, 1942c: 163.

bakeri (Eggers) 1927c: 77 (*Stephanoderes*). Syntypes, sex?; Philippinen: Catanduanes, Prov. Albay, Virac; Eggers Collection [not mentioned by either Anderson & Anderson 1971 or Schedl 1979c].

Distribution: Philippine Islands.

References: (ds) Schedl 1966b: 25. (tx) Eggers 1927c: 77; Nobuchi 1983: 300; Schedl 1951i: 50, 1979c: 66.

basihirtus (Beeson) 1929: 227 (*Cryphalus*). Syntypes 2, sex?; [Samoa] Upolu: Malololelei; BMNH, London.

Distribution: Samoan Islands.

Hosts: *Myristica* sp.

Notes: (3) Schedl 1951k: 145 (redescription, male described).

References: (cn) Kalshoven 1954: 8. (ds) Beaver 1976b: 534; Beeson 1938b: 288. (tx) Beeson 1929: 227; Schedl 1951k: 134, 145.

bidentatus Browne 1980b: 383. Holotype, sex?; Wasag (Philippine) to Kinuura (Japan), imported; BMNH, London.

Distribution: Philippine Islands.

References: (tx) Browne 1980b: 383; Nobuchi 1983: 301.

brevior Schedl 1943b: 40. Lectotype, sex?; St. Theodoro, Mindoro [Island], Philippinen; USNM, Washington, designated by Anderson & Anderson 1971: 8.

Distribution: Philippine Islands (Mindoro).

References: (ds) Schedl 1966b: 26. (tx) Anderson, W. H. & Anderson 1974: 7; Nobuchi 1983: 301; Schedl 1943b: 40, 1979c: 46.

caplandicus Schedl 1965h: 115. Holotype, sex?; Cape Province, Grootvadersbosch; TMP, Pretoria.

Distribution: Africa (South Africa).

Hosts: *Podocarpus latifolius*, *Virgilia oroboides*.

References: (tx) Schedl 1965h: 115, 1979c: 52.

corpulentus Schedl 1942d: 22. Lectotype, sex?; Java, Mount Gede, 800 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 65.

Distribution: Asia (Malaya), Indonesia (Java).

Hosts: *Artocarpus scortechini*, *Hibiscus tiliaceus*.

References: (cn) Mathur & Singh 1960b: 51. (hb) Browne 1961c: 67. (ds) Browne 1961c: 67; Mathur & Singh 1960b: 51. (tx) Schedl 1942a: 176, 1942d: 22, 1953c: 289, 1979c: 65.

cylindripennis Schedl 1959a: 483. Holotype ♀; Ceylon: Millawitiya Estate; Schedl Collection in NHMW, Wien.

Distribution: Asia (Sri Lanka).

References: (ds) Schedl 1959a: 483. (tx) Schedl 1959a: 483, 1979c: 74.

cylindrus (Browne) 1950b: 647 (*Dacryphalus*). Holotype ♀; Malaya: Selangor, Kepong; BMNH, London.

Distribution: Asia (Malaya).

Hosts: *Palaquium stellatum*.

References: (tx) Browne 1950b: 647, 1961c: 68; Schedl 1959a: 483.

densepilosus Schedl 1942d: 21. Lectotype ♀; Java, Mount Gede, 800 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 77.

Distribution: Indonesia (Java).

References: (tx) Schedl 1942d: 21, 1948g: 27, 1979c: 77.

- discrepans** Schedl 1965c: 58. Holotype, sex?: Madagascar, Montagne d'Ambre, 1000 m; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
References: (tx) Schedl 1965c: 58, 1977a: 59, 1979c: 82.
- dubiosus** Schedl 1970h: 177. Holotype, sex?: Alexandria (C.P.); NICP, Pretoria.
Figures: Schedl 1970h: 181.
Distribution: Africa (South Africa).
Hosts: *Ekebergia capensis*, *Eleodendron* sp.
References: (cn) Anonymous 1970c: 13. (ds) Anonymous 1970c: 13. (tx) Schedl 1970h: 177, 181, 1979c: 98.
- fici** Browne 1986a: 90. Holotype, sex?: Solomon Islands (Bougainville Island); Dios to Nagoya (Japan), imported; BMNH, London.
Distribution: Solomon Islands (Bougainville).
Hosts: *Ficus* sp. log.
References: (tx) Browne 1986a: 90.
- formosanus** Schedl 1952c: 62. Holotype, sex?: Formosa, Riran; Schedl Collection in NHMW, Wien.
Distribution: Asia (Taiwan).
References: (ds) Nobuchi 1967: 24. (tx) Schedl 1952c: 62, 1979c: 98.
- glabratus** Schedl 1959a: 484. Holotype ♀; Ceylon: Millawitiya Estate; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka).
References: (ds) Schedl 1959a: 484. (tx) Schedl 1959a: 484, 1979c: 105.
- granulatus** Schedl 1942a: 176. Lectotype, sex?: Malaya, Selangor; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 110.
Distribution: Asia (Malaya).
Hosts: *Myristica fufuracea*.
References: (ds) Browne 1961c: 67. (tx) Schedl 1942a: 176, 1979c: 110.
- imitans** Schedl 1951k: 148. Lectotype ♂; Upolu, Tapatapao, 800 feet; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 121.
Distribution: Samoan Islands.
References: (ds) Beaver 1976b: 534. (tx) Schedl 1951k: 134, 148, 1979c: 121.
- interponens** Schedl 1953b: 126. Lectotype ♀; Saigon, Jardin Botanique; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka/ Vietnam).
References: (tx) Schedl 1953b: 126, 1979c: 127.
- kalambanganus** Schedl 1943b: 39. Lectotype, sex?: Kalambangan, Mindanao, Philippinen; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 131.
Distribution: Philippine Islands (Mindanao).
References: (ds) Schedl 1966b: 26. (tx) Nobuchi 1983: 301; Schedl 1943b: 39, 1979c: 131.
- laevis** Browne 1980a: 374. Holotype, sex?: Batania (New Guinea) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: *Calophyllum* sp.
References: (tx) Browne 1980a: 374.
- laticollis** Browne 1974a: 67. Holotype, sex?: Fiji: Viti Levu, Colo-i-Suva; BMNH, London.
Distribution: Fiji Islands.
Notes: (3) Schedl 1980d: 118 (treated as a synonym of *tutuilaensis*). Beaver 1991: 91 (a good species).
References: (ec) Roberts 1976: 380. (hb) Roberts 1976: 380. (ds) Browne 1974a: 64; Roberts 1976: 380. (tx) Beaver 1991: 91; Browne 1974a: 64, 67; Schedl 1980d: 118.
- longipilis** Browne 1981a: 128. Holotype, sex?: Bacan (Moluccas) to Omaezaki (Japan), imported.
Distribution: Indonesia (Moluccas), New Britain Island.
References: (tx) Browne 1981a: 128.
- malayensis** Schedl 1942a: 176. Lectotype ♀; Malaya, Pahang, Kemasul; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 146.
Distribution: Asia (Malaya), Indonesia (Borneo).
Hosts: Burceraceae sp., *Canarium littorale*, *Dacryodes rostrata*.
References: (hb) Browne 1961c: 67. (ds) Browne 1961c: 67. (tx) Schedl 1942a: 176, 1953c: 289, 1979c: 146.
- mangiferae** (Stebbing) 1914: 542 (*Cryphalus*). Lectotype ♀; Eastern Dun, northern India; BMNH, London, designated by Wood 1982b: 871, name conserved by plenary powers.
Distribution: Africa (Ghana/ Guinea/ Kenya/ Ivory Coast/ Mauritius/ Nigeria/ Tanzania/ Uganda/ Zaire), Antilles Islands (Barbados/ Guadeloupe), Asia (Burma/ Nicobar Islands in India/ Malaya/ Sri Lanka/ Thailand), Australia (Queensland), Cook Islands (Rarotonga), Hawaii, Indonesia (Java), Madagascar, Micronesia (Caroline Islands, Palau), North America (Costa Rica/ Honduras/ Veracruz in Mexico/ Panama/ Florida in USA), Reunion Island, Samoan Islands, South America (Brazil/ Venezuela).
Hosts: *Mangifera indica*, *M. odorata*.
Notes: (1) Tubbs 1986: 245 (priority given *mangiferae* under plenary powers). (3) Schedl 1952: 62 (*africanus* Eggers, nomen nudum, synonymy). *Cryphalus robustus* Eichhoff may also be a synonym.
References: (ay) Browne 1962g: 77; Costa Lima 1929: 109–110; Gardner 1934: 11. (cn) Costa Lima 1956; Ebeling 1950, 1959; Pyenson 1938: 29–30. (ec) Silvas, Gayeo, & Castro 1959: 13. (hb) Beeson 1929: 226, 1938: 288, 1940: 198, 1941: 374; Browne 1968: 350–351; Carvalho 1938; Castro da Silveira 1960: 54; Costa Lima 1956, 1957: 276–290; Ebeling 1950, 1951: 680; Kalsho-

ven 1954: 8; Medeiros & Rosetto 1966: 30–38; Paulian 1951: 27; Rao 1953: 52; Roberts 1969: 125; Tucker 1952: 347; Wichmann 1954: 503–510; Wood, S. L. 1953: 77. **(ds)** Beaver 1989a: 2, 1990a: 280; Beaver & Maddison 1990: 1371; Beeson 1940, 1961: 288; Blackwelder 1947; Blackwelder & Blackwelder 1948; Bright 1985c: 174; Browne 1964: 188, 1965: 188, 1970: 540; Costa Lima 1936: 355, 1956; Dumbleton 1954: 28, 134; Ebeling 1950, 1959; Hopkins 1927: 23–32; Kalshoven 1958: 164; Kleine 1934a: 148; Mathur & Singh 1961a: 45, 81, 1961b: 51; Nunberg 1958: 479, 507; Paulian 1951: 27; Schedl 1959a: 483, 1960a: 76, 79, 1961k: 542–544, 1966f: 84, 1967d: 2, 1967e: 211; Swezey 1949: 445; Tucker 1952: 347. **(tx)** Beeson 1929: 226, 1940; Bright 1985c: 174; Costa Lima 1929, 1956; Eggers 1928c: 85, 1931c: 185; Hopkins 1927: 28; Kalshoven 1958: 164, 169; Schedl 1942a: 176, 1942d: 2, 1948g: 25–29, 1950g: 894, 1951j: 19, 1951k: 134, 1952c: 62, 1958k: 153, 1961k: 543–544, 1970e: 81, 1977b: 59; Stebbing 1914: 542–543; Swezey 1949: 445; Thirumala Rao 1953: 52; Wood, S. L. 1953: 77, 1954a: 962–966, 999–1000, 1087, 1960a: 24–27.

inops Eichhoff 1872a: 131 (*Cryphalus*). Holotype ♀; Guadeloupe; IRSNB, Brussels, name suppressed by plenary powers. Synonymy: Wood 1982b: 871.

References: **(ds)** Beeson 1929: 225; Blackwelder 1947: 778; Fleutiaux & Salle 1890: 457; Hagedorn 1910d: 43; Kleine 1913b: 118, 1914b: 379. **(tx)** Eichhoff 1872a: 131; Hagedorn 1910a: 86; Tubbs 1986: 245; Wood, S. L. 1982b: 871.

griseus Blackburn 1885: 194 (*Hypothenemus*). Holotype ♀; plains of Honolulu, Oahu, Hawaiian Islands; BMNH, London, name suppressed by plenary powers. Synonymy: Wood 1982b: 871.

References: **(ds)** Beeson 1938b: 289; Hagedorn 1910d: 43; Kleine 1913b: 124, 1914b: 302; Swezey 1949: 445. **(tx)** Blackburn 1885: 194; Hagedorn 1910a: 86; Hopkins 1915b: 24; Perkins 1900: 180; Sharp 1892: 194; Swezey 1949: 445–446; Wood, S. L. 1982b: 871.

mangiferae Eggers 1928c: 85. Lectotype ♂; Brazil; USNM, Washington, designated by Anderson & Anderson 1971: 19. Synonymy: Eggers 1931: 185.

References: **(cn)** Anonymous 1961k, 1962g, 1962y; Estrada & Atkinson 1988: 209; Kalshoven 1954: 8; Stebbing 1914: 542; Thirumala Rao 1953: 52. **(ec)** Abrahao & Wegmuller 1974; Castro 1960a; Equihua & Atkinson 1986: 630; Stebbing 1914: 542. **(hb)** Abrahao & Wegmuller 1969; Beaver 1976b: 534; Beaver & Browne 1978: 588; Beeson 1929; Castro 1960a; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 630; Kalshoven 1958b: 164;

Schedl 1961k: 543, 1977a: 59; Stebbing 1914: 542; Wood, S. L. 1954a: 999, 1982b: 871. **(ds)** Anonymous 1961k, 1962g, 1962y; Atkinson & Equihua 1985c: 356; Beaver 1976b: 534; Beaver & Browne 1978: 588; Beeson 1929, 1938b, 1961: 288; Blackwelder 1947; Bright 1985c: 174; Browne 1970: 540; Castro 1960a; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 630; Estrada & Atkinson 1988: 209; Hopkins 1927: 28; Mathew 1982, 1987: 188; Nunberg 1958a: 480; Pedrosa-Macedo & Schonherr 1985: 45; Schedl 1959a: 483, 1960d: 76, 1961k: 543, 1977a: 59; Thirumala Rao 1953: 52; Wood, S. L. 1977a: 70, 1982b: 871. **(tx)** Anderson, W. H. & Anderson 1971: 19; Beeson 1929; Bright 1985c: 174; Castro 1960a; Eggers 1928c: 85, 1931c: 185; Nunberg 1958a: 480; Pedrosa-Macedo & Schonherr 1985: 45; Schedl 1959a: 483, 1961k: 543, 1977a: 59; Stebbing 1914: 542; Wood, S. L. 1954a: 999, 1982b: 871, 1984a.

subcylindricus Schedl 1942d: 16 (*Cryphalus*). Lectotype ♀; Java, Semarang, Buitenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 240. Synonymy: Schedl 1958k: 153.

References: **(hb)** Browne 1961c: 70. **(ds)** Browne 1961c: 70; Schedl 1959a: 482. **(tx)** Schedl 1942a: 169–171, 1942d: 16–17, 1953c: 289, 1958k: 153, 1959a: 482, 1979c: 240.

mimicus Schedl 1942d: 17 (*Cryphalus*). Lectotype, sex?; Java; Paseroean; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 153. Synonymy: Kalshoven 1958: 164.

References: **(ds)** Schedl 1959a: 481. **(tx)** Kalshoven 1958: 164; Schedl 1942c: 171, 1942d: 17, 1959a: 481, 1979c: 153.

opacus Schedl 1942d: 20. Lectotype, sex?; Java, Buitenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 179. Synonymy: Kalshoven 1958: 164, Wood 1989: 173.

References: **(ds)** Maiti & Saha 1986: 157. **(tx)** Kalshoven 1958: 164; Schedl 1942a: 176, 1942d: 20, 1943b: 39, 1979c: 179; Wood, S. L. 1989: 173.

mindoroensis Schedl 1943b: 39. Lectotype ♀; Philippinen, San Theodoro [Mindoro]; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 153.

Distribution: Philippine Islands.

References: **(ds)** Schedl 1966b: 26. **(tx)** Anderson, W. H. & Anderson 1971: 20; Nobuchi 1983: 301; Schedl 1942a: 176, 1943b: 39, 1979c: 153.

minor Schedl 1943b: 40. Holotype, sex?; Port Banga, Mindanao; Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands (Mindanao).

References: **(hb)** Browne 1961c: 71. **(ds)** Browne

- 1961c: 71; Schedl 1966b: 26. (**tx**) Nobuchi 1983: 301; Schedl 1943b: 40, 1979c: 154.
- minutus Browne** 1980d: 495. Holotype, sex?, Surabaja (Java) to Osaka (Japan), imported; BMNH, London.
Distribution: Indonesia (Java).
Hosts: Inggiris log.
References: (**tx**) Browne 1980d: 495.
- montanus Schedl** 1974d: 460. Holotype ♀; Mt. Kaindi, 2250 m, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Dryadodaphne* sp.
References: (**tx**) Schedl 1974d: 460, 1979c: 158.
- moorei Schedl** 1964i: 247. Holotype ♂; Somersby, N.S.W., Australia; Australian Museum, Sydney.
Distribution: Australia (New South Wales).
Hosts: *Hakea sericea*.
References: (**hb**) Moore 1964: 300. (**tx**) Schedl 1964i: 247, 1979c: 159.
- nigrosetosus Schedl** 1948g: 27. Lectotype ♀; Queensland, Kalpowar; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 168.
Distribution: Australia (Queensland).
Hosts: *Capparis nobilis*.
References: (**ds**) Brimblecombe 1953: 19. (**tx**) Schedl 1948g: 27, 1951k: 148, 1979c: 168.
- nitidicollis Schedl** 1975g: 219. Holotype, sex?, Neuguinea, Bismarck-Geb.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975g: 219, 1979c: 168.
- obesus (Hopkins)** 1915b: 42 (*Dacryphalus*). Holotype ♀; Pagbilao; USNM, Washington.
Distribution: Philippine Islands (Luzon).
Hosts: Margadilao log.
References: (**ds**) Kleine 1934a: 148; Schedl 1966b: 26. (**tx**) Hopkins 1915b: 42; Nobuchi 1983: 301.
- obscurus Hopkins** 1915b: 41. Holotype ♀; Calapan, P.I.; USNM, Washington.
Distribution: Philippine Islands (Mindoro).
Hosts: *Cacao silvestre*.
Notes: (3) Schedl 1963j: 480 (*setulosum* Eggers, nomen nudum?, cited as a possible synonym of *obscurus* Hopkins).
References: (**ds**) Kleine 1934a: 148; Schedl 1966b: 26. (**tx**) Hopkins 1915b: 41, 42; Nobuchi 1983: 301; Schedl 1963j: 480.
- ovalicollis Schedl** 1942c: 177. Holotype, sex?, Australien, Tambourin Mountain; Schedl Collection in NHMW, Wien.
Distribution: Australia.
References: (**tx**) Schedl 1942c: 177, 1979c: 181.
- perminimus (Schedl)** 1942d: 13 (*Cryphalus*). Lectotype, sex?, Java, Semarang teak forest; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 90.
Figures: Numberg 1961b: 626.
- Distribution: Asia (Ryuku Islands/ Malaya), Fiji Islands, Indonesia (Java), New Britain Island, New Guinea, Philippine Islands.
Hosts: *Artocarpus* spp., *Ficus* sp., *Pterocarpus indicus*.
Notes: (1) Schedl 1958k: 153 (to *Hypocryphalus*).
References: (**ec**) Roberts 1976: 381. (**hb**) Browne 1961c: 68; Kalshoven 1958b: 164; Roberts 1976: 381. (**ds**) Browne 1961c: 68, 1966: 244, 1974a: 64, 1980a: 371; Roberts 1976: 381; Schedl 1966b: 26. (**tx**) Nobuchi 1983: 301; Schedl 1942a: 169–170, 1942c: 170, 1942d: 13, 1951k: 145, 1958b: 99, 1958k: 153, 1962p: 697, 1979c: 190.
- constrictus Schedl** 1942d: 22. Lectotype, sex?, Java, Buitenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 64. Synonymy: Schedl 1958k: 153.
References: (**tx**) Schedl 1942c: 174, 1942d: 22, 1950f: 49, 1958k: 153, 1979c: 64.
- constrictus Schedl** 1942c: 174 (*Cryphalus*). Holotype, sex?, Neu-Guinea; Schedl Collection in NHMW, Wien. Synonymy: Kalshoven 1958: 164.
References: (**tx**) Kalshoven 1958: 164; Schedl 1942c: 174, 1942d: 22, 1950f: 49, 1954a: 139, 1958k: 153, 1979c: 64.
- froggatti Numberg** 1961b: 611. Holotype, sex?, New Britain, Rabaul; BMNH, London. Synonymy: Schedl 1962n: 697.
References: (**tx**) Numberg 1961b: 611, 626; Schedl 1962n: 697.
- pilifer Schedl** 1979g: 98. Holotype, sex?, New Guinea, N. E., Wau, Mt. Kaindi, Nami Creek; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1979g: 98.
- piliger Schedl** 1975g: 219. Holotype, sex?, New Guinea; Wau; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975g: 219, 1979c: 194.
- polynesiae Schedl** 1979g: 105. Holotype, sex?, Samoa; Schedl Collection in NHMW, Wien.
Distribution: Samoan Islands.
References: (**tx**) Schedl 1979g: 105.
- reflexus Browne** 1980b: 383. Holotype, sex?, Ulamona (New Britain) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Britain Island.
References: (**tx**) Browne 1980b: 383.
- rotundus Hopkins** 1915b: 41. Holotype, sex?, Pagbilao, P.I.; USNM, Washington.
Distribution: Philippine Islands (Luzon).
Hosts: *Dipterocarpus grandiflorus*.
References: (**ds**) Beeson 1938b: 289; Kleine 1934a: 148; Schedl 1966b: 27. (**tx**) Hopkins 1915b: 41; Nobuchi 1983: 301; Wood, S. L. 1954a: 999.

sandakanensis (Schedl) 1937c: 548 (*Cryphalus*).
Lectotype ♀: N. Borneo, Bettotan, near Sandakan; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 219.

Distribution: Indonesia (Borneo)

Hosts: *Garcinia* sp.

References: (tx) Schedl 1937c: 548, 1939f: 37, 1942a: 169–170, 1979c: 219.

maculatus Browne 1961a: 303. Holotype, sex?; Sarawak: Bako National Park; BMNH, London. Synonymy: Wood 1989: 173.

References: (hb) Browne 1961a: 303. (tx) Browne 1961a: 303; Schedl 1942a: 169; Wood, S. L. 1989: 173.

spathulatus Schedl 1938f: 49. Lectotype, sex?; Cairns district; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 233.

Distribution: Australia (Queensland).

References: (hb) Yunus & Hua 1980: 228. (ds) Brimblecombe 1953: 19; Schedl 1966b: 27; Yunus & Hua 1980: 228. (tx) Nobuchi 1983: 301; Schedl 1938f: 49–50, 1979c: 233.

striatus Hopkins 1915b: 41. Holotype ♀; Calapan, P.I.; USNM, Washington.

Distribution: Asia (Malaya), Philippine Islands (Mindoro).

Hosts: *Canarium* sp., *Parinarium* sp.

References: (ds) Beeson 1961: 287–288; Kleine 1934a: 148. (tx) Hopkins 1915b: 41–42; Schedl 1939c: 328, 1942a: 176.

sumatranus (Schedl) 1939f: 38 (*Dacryphalus*).
Lectotype, sex?; Solok, Sumatra; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 246.

Distribution: Indonesia (Sumatra).

Hosts: *Myristica fragrans*.

References: (cn) Kalshoven 1954: 5. (hb) Kalshoven 1958b: 164. (ds) Browne 1980d: 492. (tx) Schedl 1939f: 38, 1979c: 246.

tongaensis Schedl 1979g: 104. Holotype, sex?; Tonga, Tongatapu; Schedl Collection in NHMW, Wien.

Distribution: Tongan Islands.

References: (tx) Schedl 1979g: 104.

triangularis Schedl 1975f: 351. Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 351, 1979c: 255.

tutuilaensis Schedl 1951k: 147. Lectotype ♂; Samoa: Tutuila, Fagatogo, 800 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 259.

Distribution: Samoan Islands.

Hosts: *Calophyllum* sp.

References: (ds) Beaver 1976b: 534. (tx) Schedl 1951k: 134, 147, 1979c: 259.

Genus *Cryphalus* Erichson

Cryphalus ERICHSON 1836: 61. Type-species: *Bostrichus asperatus* Gyllenhal, subsequent designation by Thomson 1859: 147, lectotype designated for type-species by Wood 1972f: 41.

Pseudocryphalus Ferrari 1868b: 252. Type-species: *Pseudocryphalus sidneyanus* Ferrari, monobasic. Synonymy: Wood 1986a: 91.

References: (tx) Eggers 1931c: 185; Ferrari 1868b: 252; Wood, S. L. 1986a: 91.

Taenioglyptes Bedel 1888b: 398. Type-species: *Bostrichus abietis* Ratzeburg = *Bostrichus asperatus* Gyllenhal, original designation. Synonymy: Wood 1972f: 40.

References: (tx) Balachowsky 1949a: 205; Bedel 1888b: 398; Bright & Stark 1973: 67; Wood, S. L. 1954a: 960, 1001, 1972f: 40.

Cryptarthrum Blandford 1896b: 200. Type-species: *Cryptarthrum walkeri* Blandford, monobasic. Synonymy: Schedl 1963i: 62.

References: (tx) Blandford 1896b: 200; Hopkins 1915b: 8; Schedl 1963i: 62.

Allarthrum Hagedorn 1912c: 355. Type-species: *Allarthrum kolbei* Hagedorn, monobasic. Synonymy: Wood 1986: 91.

References: (tx) Hagedorn 1912c: 355; Wood, S. L. 1986: 91.

Ericryphalus Hopkins 1915b: 8, 38. Type-species: *Ericryphalus henschawi* Hopkins = *Hypothenemus sylvicola* Perkins, original designation. Synonymy: Schedl 1962r: 92.

References: (tx) Beeson 1938: 288; Hopkins 1915b: 8, 38; Schedl 1939i: 383, 1942d: 14, 1957d: 1–162, 1958k: 142, 1961k: 455, 1962r: 92, 1963i: 62; Wood, S. L. 1960a: 22.

Piperius Hopkins 1915b: 8, 39. Type-species: *Piperius pini* Hopkins = *Hypothenemus sylvicola* Perkins, original designation. Synonymy: Schedl 1962r: 92.

References: (tx) Hopkins 1915b: 8, 39; Schedl 1962r: 92, 1963i: 62.

Ernocryphalus Murayama 1958: 934. Type-species: *Ernocryphalus birosimensis* Murayama, original designation. Synonymy: Schedl 1963i: 62. References: (tx) Murayama 1958: 934; Schedl 1962p: 203, 1963i: 62.

Acryphalus Tsai & Li 1963: 604, 622. Type-species: *Cryphalus lipingensis* Tsai & Li, subsequent designation by Wood 1984b: 224. Synonymy: Wood 1984b: 224.

References: (tx) Tsai & Li 1963: 604, 622; Wood, S. L. 1984b: 224.

Jugocryphalus Tsai & Li 1963: 602, 622. Type-species: *Cryphalus piceus* Eggers, subsequent designation by Wood 1984b: 224. Synonymy: Wood 1984b: 224.

References: (tx) Tsai & Li 1963: 602, 605, 622; Wood, S. L. 1984b: 224.

Keys: Wood 1954a: 1002, 1960: 23, 1982b: 867 for

North America and Micronesia: Balachowsky 1949a: 206, Reitter 1913a: 66, Stark 1952: 254 for Europe and parts of Asia.

References: **(ay)** Fisher 1937: 118; Fuchs 1912: 14–33; Hymons 1921: 103; Nusslin 1910: 289–298, 1911, 1912; Nobuchi 1969a: 55, 57; Tsai & Li 1963: 597. **(cn)** Beaver 1987a; Beeson 1916: 1–5. **(ec)** Nickle 1976b. **(hb)** Barbey 1901: 69; Bargmann 1906: 315; Beaver 1987a: 17; Beeson 1941: 372; Blackman 1950; Bright & Stark 1973: 66; Brimblecombe 1953: 15; Browne 1961c: 68; Escherich 1923: 446–476; Fevtaud 1950: 9; Judeich & Nitsche 1895: 448, 451; Mayne 1917: 1–80; Munro 1946: 5–60; Nusslin 1907: 613; Schedl 1958d: 188, 1961k: 457, 1981b: 74; Tragardh 1930c: 469–480, 1931: 58; Wood, S. L. 1982b: 867, 1986a: 91. **(ds)** Beaver 1987a: 17; Bright & Stark 1973: 68; Browne 1961c: 68; Gaubil 1849: 126; Hagedorn 1910d: 40; Niisima 1908: 89; Schedl 1961k: 455, 1966b: 19, 1981b: 74; Scheerpeltz & Winkler 1930: 257; Tsai & Li 1963: 597; Wichmann 1927: 356–362; Wood, S. L. 1982b: 867, 1986a: 91. **(tx)** Arnett 1960: 1043, 1968: 1043; Balachowsky 1949a: 200, 205; Beal & Massey 1945: 59, 119; Bedel 1888b: 396–397; Beeson 1938b: 287; Berger 1916: 227–228; Bertolini 1872: 201; Blandford 1894b: 201, 1904: 225, 234; Blatchley & Leng 1916: 605–606; Bright 1976d: 112; Bright & Stark 1973: 66; Browne 1965: 188; Chamberlin 1918: 12–13, 1939: 316–327, 1958: 130–132; Chatterjee 1917: 1–4; Choo 1983: 70; Choo, Woo, & Nobuchi 1988b; Dodge 1938: 48; Duffy 1953: 6; Eggers 1943c: 68; Eichhoff 1864: 34–35, 45–46, 1868e: 391, 1872a: 132, 134, 1878a: 384, 1878b: 34–487, 1881a: 45, 172, 1883: 107, 109; Endrodi 1957b: 417; Erichson 1836: 61; Fauvel 1887: 276; Ferrari 1867a: 10–18, 1867b: 113; Gardner 1934: 4, 11; Gozis 1886: 278; Hagedorn 1910a: 84–85; Hopkins 1914: 119, 130–135, 1915b: 8, 39–40, 1915c: 180–226; Inouye & Nobuchi 1957: 46–48; Jacquelin du Val & Fairmaire 1868: 104–105; Kalina 1970: 125; Karaman 1972: 118; Krivolutskaya 1958: 107, 140; Kurenzov 1941: 159–162, 230–231; Lacordaire 1866: 373; LeConte 1868: 151–152, 1876: 349, 362; LeConte & Horn 1883: 518; Lindemann 1876: 148–168, 345; Lovendal 1889: 17–18; Luigioni 1929: 996; Murayama 1930: 14, 1958: 935; Niisima 1909: 141; Nunberg 1954: 48–52; Nusslin 1898: 276, 280; Peyerimhoff 1935: 194, 196; Pfeffer 1989a: 81; Prell 1930: 638; Ratzeburg 1837: 139, 163; Redtenbacher 1845: 95, 151, 162; Reitter 1889: 94, 1894: 69–75, 1906: 11, 1913a: 65–66, 1916: 287–288; Saalas 1914: 73, 83; Schedl 1934f: 638, 1938i: 24, 1957d: 1–162, 1960h: 105, 1960i: 105, 1961k: 455, 458, 1962r: 91–93, 1963h: 266, 1963i: 62, 1967f: 154–155, 1968e: 261–270, 1969i: 129, 1977b: 38, 1981b: 74; Schimitschek 1937: 50–52; Seidlitz 1891a: 561–563, 1891b: 151, 607–608; Sharp 1879: 101;

Sokanovskii 1954: 16; Spessivtsev 1922: 471, 1931: 88; Stark 1936e: 142–144, 1952: 15–280; Stebbing 1914: 528; Stresemann et al. 1989: 351; Swaine 1909: 91–92, 1918a: 87–89; Thomson 1859: 147, 1865: 354; Trappen 1935: 142; Tsai & Li 1963: 597, 600; Wollaston 1960: 364–365; Wood, S. L. 1954a: 980, 1960a: 23, 1961a: 45, 1967a: 121–122, 1972f: 41, 1974: 171, 1982b: 867–871, 1986a: 91; Yin & Huang 1981: 561; Yin, Huang & Li 1984: 97; Zivojinovic 1948: 65–73.

abbreviatus Schedl 1943b: 35. Lectotype ♀; Catbalogan, Ins. Samar, Philippines; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 8.

Distribution: Asia (Okinawa in Japan/ Ryuku Islands), Philippine Islands (Samar).

References: **(cn)** Egorov 1958: 1492; Ekici 1971. **(hb)** Ekici 1971. **(ds)** Krivolutskaya 1965: 234; Nobuchi 1985c: 13; Schedl 1971c: 363. **(tx)** Nobuchi 1959c: 22; Schedl 1943b: 35, 1951i: 50, 57, 1979c: 8.

alni Krivolutskaya 1958: 145. Holotype, sex?; Sakhalin Island: Gornoravansk region, Valley of Kuznetsovsk and Ribatsko rivers; Zoological Institute, Academy of Science, Vladivostok.

Distribution: Asia (E USSR).

Hosts: *Alnus* sp.

References: **(hb)** Krivolutskaya 1973: 136. **(ds)** Krivolutskaya 1964a: 234, 1973: 136. **(tx)** Krivolutskaya 1958: 141–145.

aquiloni (Nobuchi) 1975: 52 (*Taenioglyptes*). Holotype ♀; Nigorikawa, Hokkaido, Japan; Nobuchi Collection, Ibaraki.

Figures: Nobuchi 1975: pl. 2, fig. 14.

Distribution: Asia (Japan).

Hosts: *Carpinus cordata*.

References: **(ds)** Nobuchi 1985c: 13. **(tx)** Nobuchi 1975: 52.

araucariae Schedl 1969b (1970): 214. Holotype, sex?; New Guinea, Bulolo, Morobe Dist.; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Araucaria cunninghami*.

References: **(tx)** Schedl 1969b (1970): 214, 1979c: 24.

armatus Schedl 1974d: 459. Holotype, sex?; Wau, Morobe District; BPBM, Honolulu.

Distribution: New Guinea.

References: **(tx)** Schedl 1974d: 459, 1979c: 26.

artestriatus (Browne) 1970: 553 (*Taenioglyptes*). Holotype ♀; Uganda: Zika; BMNH, London.

Distribution: Africa (Uganda).

References: **(tx)** Browne 1970: 553.

artocarpus (Schedl) 1939e: 342 (*Ericryphalus*). Syntypes, sex?; Malaya, Selangor: Kepong; BMNH, London, and Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya).

Hosts: *Artocarpus kunstleri*.

Notes: (c3) Beeson 1941 (1961: 257) (*artocarpus*, nomen nudum).

References: (**hb**) Yunus & Hua 1980: 225. (**ds**) Beeson 1941 (1961: 257); Brownie 1961c: 65. 1984a: 150, 1984b: 287; Yunus & Hua 1980: 228. (**tx**) Schedl 1939e: 342, 1979c: 27.

asperatus (**Gyllenhal**) 1813: 363 (*Bostrichus*). Lectotype, sex?; Sweden; University of Uppsala Museum, designated by Wood 1972f: 41. Figures: Balachowsky 1949a: 210, 216.

Distribution: Africa (Algeria/ Morocco), Asia (Honshu in Japan/ Turkey), Europe (Austria/ Belgium/ Bulgaria/ Czechoslovakia/ Denmark/ England/ Finland/ France/ Germany/ Greece/ Hungary/ Italy/ Luxemburg/ Netherlands/ Norway/ Poland/ Romania/ Spain/ Sweden/ Switzerland/ W USSR/ Yugoslavia).

Hosts: *Abies pectinata*, *Picea excelsa*, *Larix* sp., *Pseudotsuga douglasii*.

Notes: (1) Due to an ancient error in identification, that has been perpetuated, numerous citations of this name actually refer to *Trypophloeus binodulus*, a species that breeds in *Populus* spp.

References: (**ay**) Heeger 1866: 533–537. (**bv**) Chararas 1980b: 563; Grune 1979: 101. (**cn**) Chararas 1972; Escherich 1917: 97–115; Karpinski 1933: 52–56; Wachtl 1901: 381. (**hb**) Eichhoff 1881a: 45, 179, 1882a: 241; Heeger 1866: 533–537; Henschel 1885b, 1895a: 166; Ratzeburg 1839: 197; Schwerdtfeger 1981: 188; Wachtl 1901: 381, 1876a: 458. (**ds**) Allen, A. A. 1977; Barthe 1896; Brakman 1966b: 206; Buresh & Lazarov 1956; Ericson & Sandin 1893; Gemminger & Harold 1872: 2683; Gozis 1875: 80; Grill 1895: 309; Grouzelle 1905; Grune 1979: 101; Gyllenhal 1827: 624; Hagedorn 1910d: 41; Henschel 1895a: 166; Heyden, Reitter, & Weise 1883: 182; Kaltenback 1874: 685; Kamp 1979; Kangas 1964d, 1966d; Kestercanek 1881a: 12; Klefbeck & Sjoberg 1960: 230; Kraatz 1869: 59; Lacordaire 1866: 379; Leclercq 1971; Lucht 1987: 278; Negru 1966b: 401; Nuorteva 1971: 71; Ortzen 1886: 279; Pfeffer 1989a: 84; Postner 1974: 428; Ratzeburg 1839: 197; Redtenbacher 1858: 832, 1874: 376; Reitter 1869b: 154; Sahlberg 1900: 105; Schaun 1859: 96, 1862: 101; Schedl 1964f; Schwerdtfeger 1981: 188; Seidlitz 1872: 393, 1891a: 562, 1891b: 607; Siebke 1875: 283; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 439; Stierlin & Gantard 1871: 292; Sturm 1843: 230; Thomson 1859: 146, 1865: 359, 1868: 219; Wachtl 1876a: 458; Westhoff 1882: 238; Winter, T. G. 1983: 28. (**tx**) Bach 1854; Balachowsky 1949a: 215; Beeson 1938b: 287; Bertolini 1872; Eichhoff 1864b: 35, 1866: 276, 1876a: 378, 1878b: 125, 1881a: 45, 179, 1883a: 109, 132; Erichson 1836: 62; Fauvel 1889; Ferrari 1867a: 11, 15, 80, 1867b: 114; Gebien 1907: 197; Grune 1979: 100–101; Gyllenhal 1813: 368, 1827: 624;

Hagedorn 1904: 230, 1910a: 85; Henschel 1895a: 166; Hopkins 1914: 118, 1915b: 39, 1915c: 221, pls. 9–10, fig. 1; Kalina 1969; Lacordaire 1866: 379; Letzner 1844: 68, 1891: 375; Lucht 1987: 278; Negru 1966b: 401; Postner 1974: 428; Ratzeburg 1839: 197; Redtenbacher 1849a: 791, 1849b: 26, 1858: 832, 1874: 376; Sahlberg 1836: 153; Schedl 1934f: 1639; Seidlitz 1872: 393, 1891a: 562, 1891b: 607; Stierlin 1898: 439; Thomson 1859: 146, 1865: 359, 1868: 219; Wood, S. L. 1954a: 988, 1972f: 42.

abietis Ratzeburg 1837: 163 (*Bostrichus*). Syn-types, sex?; Ober-Schleien, Ostprussen, dem Thuringer Walde und dem Harze; MNB, Berlin. Synonymy: Wood 1972f: 41.

References: (**ay**) Chararas 1973c; Escherich 1923b: 481, 597; Feytaud 1950a; Ritchie 1919: 171–199; Scherb 1971. (**bv**) Byers, Anderbrant, & Lofqvist 1989; Chararas 1973c; Chararas, Desveaux, & Kogane-Charles 1978a; Chararas et al. 1982: 1094; Grune 1979: 107; Kevdina 1897: 108; Magema, Gaspar, Severin 1982; Naumann-Etienne 1978a; Nuorteva 1956c: 94; Nuorteva & Nuorteva 1968; Tragardh 1930b: 108; Winter, K. 1980. (**cn**) Anonymous 1978i; Barbey 1906a; Borcea 1924: 221–260; Bruneau 1950; Byers, Anderbrant, & Lofqvist 1989; Chararas 1961b: 69, 1961c: 92, 1978; Chorbadzhievo 1929; Eckstein 1926: 578; Escherich 1923b: 481, 597, 1936; Esterberg 1959; Feytaud 1946, 1950a; Forbes 1910; Gabler 1955; Georgescu et al. 1957: 357, 460; Hanson 1937; Hartig 1861: 330; Hess & Beck 1914: 265, 1927: 321; Inouye & Yamaguchi 1955a: 235; Joly 1976; Judeich & Nitsche 1895: 526; Kailidis & Georgivits 1972; Kalandra 1944; Kamp 1950; Keller 1903b: 49; Kholodkovskii 1912: 278, 307; Koch 1913: 100; Komarek et al. 1931: 1–256; Kozikowsky 1929: 254; Kunstler 1864: 783; Lekander 1955b: 17; Lozovoi 1961: 91–113; Lozovoi & Tropin 1965, 1967; MacDougall 1917: 1–38; Marcu 1926c: 63; Mokrzecki 1925: 1–7; Muller 1912: 185; Nestertschuk 1930: 176; Nosek 1951: 107, 1952b: 98; Nuorteva & Nuorteva 1968; Nusslin 1913: 227; Pfeffer 1928a: 467, 1950c: 3; Pierce, W. D. 1917: 69; Rhumbler 1922: 299, 1927: 312; Ritchie 1916: 301–302, 1919: 171; Ruhm 1958: 287; Schimitschek 1930d: 136, 1937c: 52, 1938b: 114, 1955a: 32, 36, 1955c: 82, 1964a; Schwerdtfeger 1944a: 180, 1957a: 186; Stewart 1915: 70; Tragardh 1919: 237–248, 1938a: 12; Wachtl 1901: 381; Weber, H. 1926: 578; Wichmann 1927b: 374; Zolk 1937: 147–172. (**ce**) Apfelbeck 1916b; Balazy & Michalski 1960, 1964a; Barbey 1906a, 1927; Capek 1957; Chararas 1959g; Chararas, Desveaux, & Kogane-Charles 1978a; Eidmann 1974b; Galoux 1947c, 1948a; Gillanders 1906;

- Heqvist 1963: 152; Hierholzer 1954b: 387; Inouye & Yamaguchi 1955a: 235; Kielczewski 1976; Kielczewski & Wisniewski 1978, 1983; Kleine 1908c: 186, 1909a: 46, 1944: 74; Kraemer 1950b: 379; Lozovoi & Tropin 1965, 1967; Lundberg 1984; Michalski & Ratajczak 1989; Naumann-Etienne 1978a; Nosek 1951: 107, 1952b: 98; Nuorteva 1957b: 68; Nuorteva & Nuorteva 1968; Nusslin 1927: 300; Perris 1856a: 244; Pfeffer 1923a: 331, 1932a: 8, 1943b: 179, 1950c: 3, 1955b: 84, 1959: 2; Poinar 1975: 151; Ratzeburg 1869a: 79; Ruhm 1955c: 176, 1956b: 3; Saalas 1917a: 18, 1930: 118; Schimitschek 1955a: 32, 36, 1964a; Schwerdtfeger 1944a: 180, 1957a: 186; Sedlaczek 1908: 46, 1935a: 163; Sitowski 1930: 4; Thompson, W. R. 1943: 37; Wichmann 1959: 412; Winter, K. 1980; Wisniewski 1979b; Zurr 1985b. **(hb)** Altum 1881c: 321; Apfelbeck 1916b, 1917; Barbey 1901: 23, 71, 1925: 164; Beffa 1949, 1961; Boas 1923: 360; Borcea 1924; Budge 1949; Cecconi 1924; Chararas 1961b: 69, 1961c: 92, 1962c: 251; Charvat 1950; Chorbadzhievo 1929; Dallimore & Munro 1922; Eckstein 1897, 1926: 578; Eichhoff 1881a: 45, 176, 1882a: 241; Eidmann 1974b; Escherich 1923b: 481, 597; Everts 1903: 755; Feytaud 1946, 1950a; Fuchs 1904a, 1906c: 209, 1907: 48; Gabler 1955; Galoux 1947a, 1948a; Gillanders 1906, 1908; Gornostaev 1916: 314; Györfi 1957; Hagedorn 1903a; Hartig 1861: 330; Heinemann 1909; Henschel 1876a: 34, 240, 1895a: 166; Hess & Beck 1914: 265, 1927: 321; Hufnagl 1887: 512; Joly 1976; Judeich & Nitsche 1895: 526; Kahlich 1865b; Karpinski 1933b: 28; Karpinski & Strawinski 1948: 155; Karsch 1883: 142; Kholodkovskii 1912: 278, 307; Kraemer 1950b: 379; Lengerken 1939: 62, 1954: 83; Lozovoi & Tropin 1965, 1967; Lunardoni & Leonardi 1889: 458; MacDougall 1917: 127; Magma, Gaspar, & Severin 1982; Masutti 1964; Munro 1926: 60; Naumann-Etienne 1978a; Nordlinger 1856: 28; Numberg 1929: 102, 1947c: 106, 1948: 1–30; Nuorteva 1956c: 94; Nusslin 1898: 280, 1906b: 14, 1913: 227, 1927: 300; Palm 1954a: 185; Perris 1856a: 244; Pfeffer 1941b: 1, 1941c: 5, 1989a; Postner 1974: 430; Ratzeburg 1837: 135, 163, 1839: 165, 198; Rhumbler 1922: 299, 1927: 312; Ritchie 1919: 171; Rupertsberger 1879: 231, 1880: 229; Saalas 1913a: 69, 83; Schimitschek 1955a: 32, 36; Schwerdtfeger 1944a: 180, 1957a: 156, 1981: 192; Sedlaczek 1935a: 163; Spessivtsev 1913a: 91; Stark 1926a: 335, 1952: 265; Thum 1885: 24; Tragardh 1929a: 313, 1930b: 108, 1930c: 474, 1931: 57, 1939b: 147, 198; Tredl 1908a: 30; Tschorbadzhiev 1929: 166; Wachtl 1876a: 458, 1901: 381; Weber, H. 1926: 578; Wichmann 1927b: 374; Winter, K. 1980. **(ds)** Ammann & Knabl 1913, 1923; Andersch 1851; Anonymous 1978i; Arnoldi et al. 1955: 687; Arru, Covassi, & de Bellis 1966: 32; Balazy & Michalski 1960; Barthe 1896; Bau 1888; Bedel 1888b: 398; Beffa 1949; Bejer-Petersen & Jorum 1977: 23; Benick 1921; Benz 1985; Bielz 1887; Boas 1923: 360; Borcea 1924; Borchert 1951; Brakman 1966b: 206; Brancsik 1871; Bucking 1932; Buresh & Lazarov 1956; Butovitsch & Heqvist 1947; Cecconi 1897; Chapuis & Candeze 1853; Chararas 1962c: 251; Charvat 1950; Chorbadzhievo 1924d, 1929; Crotch 1863; Dallimore & Munro 1922: 189–193; Dejean 1821, 1825, 1837; Eder 1934; Eggers 1904; Eidmann 1974b; Endrodi 1958b; Ermisch 1953; Escherich 1923b: 481, 597, 1932b; Esterberg 1928, 1959; Everts 1922: 642; Favre 1890; Florov 1949: 85; Forster 1849: 439; Fowler 1891; Fuchs 1904a, 1905a, 1906c: 209, 1907: 48; Gaubil 1849: 126; Gornostaev 1917: 308–315; Gozis 1875: 80; Grill 1895: 309; Grouzelle 1905; Grune 1979: 107; Gussmann 1919; Hagedorn 1903a, 1910d: 40; Hansen, V. 1939, 1956, 1964: 462; Heinemann 1908a; Hellen 1947; Hennig 1954: 257; Henschel 1895a: 166; Heyden 1879: 140; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Horion 1951; Inouye & Nobuchi 1957: 49; Jannicky 1960a; Jazentkovsky 1912: 288; Joly 1960; Judeich & Nitsche 1895: 526; Kahlich 1865b; Kailidis & Georgivits 1972; Kaltenbach 1874: 685; Karpinski 1931: 27, 1933b: 28, 1948b: 230; Karpinski & Strawinski 1948: 155; Keler 1925b: 272; Kersten 1933: 74; Klefbeck & Sjöberg 1969: 230; Kleine 1912a: 262, 264, 267, 1913a: 35, 1913b: 118, 1934a: 142; Kloft & Hinks 1945: 218; Koltze 1901: 153; Kono & Tamanuki 1939: 88, 91; Koschitsky 1900: 83; Kozikowsky 1921: 180; Kraatz 1869: 59; Kurir 1947c: 15; Lacordaire 1866: 379; Langhoffer 1915c: 157; Leclercq 1971; Leiler & Prutz 1977; Lekander 1955b: 17; Leng 1918: 211; Lentz 1857: 139; Lindemann 1884b: 264; Lokaj 1868: 64; Lomnicki 1913b: 148; Lucht 1987: 278; Lunardoni & Leonardi 1889: 458; Lundberg 1979: 31, 1981: 151; Lundblad 1950c: 115; Marcu 1926c: 63; Matthews & Fowler 1883: 42; Mequignon 1936: 48; Michalski 1957: 164; Munro 1921: 87, 1926: 4–77; Munster 1922a: 155, 1928: 289; Murayama 1948: 2, 1949a: 12, 1951c: 3, 1954b: 162; Nash, D. R. 1978; Negrú 1966b: 402, 1968a: 456; Nobuchi 1985c: 13; Nunberg 1927a: 213, 1928b: 88, 105, 1954: 52; Nusslin 1898: 280; Orest 1926c: 63; Pacher 1865: 152; Palm 1959: 351; Perris 1876a: 254, 1877a: 414; Pfeffer 1924b: 471, 1931b: 74, 1947e: 2, 1950b: 75; Pierce, W. D. 1917: 69; Pittioni 1943: 175; Postner 1974: 430; Power 1865: 212; Rapp

- 1934: 727; Ratzeburg 1837: 135, 163, 1839: 165, 198; Redtenbacher 1858: 832; Reitter 1869b: 154, 1889a: 94, 1894a: 70, 1916: 288; Roubal 1935b: 72, 1941: 263; Saalas 1913a: 69, 83, 1917a: 18, 1930: 118, 1931: 68; Sahlberg 1900: 105; Sainte-Claire & Mequignon 1938: 445; Schaschl 1854: 133; Schaufuss 1915: 1231; Schaum 1859: 96, 1862: 101; Schedl 1959h: 100, 1961b: 184, 1967c: 70, 1980a: 14, 1981b: 75; Schilsky 1909: 188; Schimitschek 1938b: 114; Schiodte 1873: 101; Schwerdtfeger 1981: 192; Seidlitz 1872: 393, 1891a: 562, 1891b: 607; Sharp & Fowler 1893: 34; Stark 1926a: 335, 1926b: 103, 1926j: 126, 1936e: 143, 1952: 265; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 439; Stierlin & Gautard 1906: 205; Sturm 1843: 230; Swaine 1909: 93; Tragardh 1939b: 147, 198; Tredl 1907: 12; Tschorbadjiev 1929: 166; Verhoff 1891: 22; Wachtl 1876a: 458; Wessel 1877: 390; Westhoff 1882: 238; Wichmann 1927a: 67; Winter, T. G. 1983: 8; Yanovskii & Tegshzhargal 1985: 415. **(tx)** Allen, A. A. 1965b: 47; Bach 1854; Balachowsky 1949a: 207; Barbey 1901: 23, 71; Bedel 1888b: 398; Beffa 1949, 1961; Boas 1923: 360; Brancsik 1871; Chapuis & Candeze 1853; Chararas 1962c: 252; Charvat 1950; Chorbadzhievo 1924d; Crotch 1966; Csiki 1910; Dejean 1821, 1825; Doebner 1860; Duffy 1953; Eggers 1920: 241, 1921; Eichhoff 1864b: 35, 1866: 275–276, 1878b: 124, 1881a: 45, 176, 1883a: 109, 132; Endrodi 1957b; Escherich 1923b: 481, 592; Everts 1903: 755, 1922: 642; Ferrari 1911; Ferrari 1867a: 15, 79, 80, 1867b: 106; Fleischer 1927; Formanek 1907: 35; Gabler 1955; Gillanders 1908; Grune 1979: 106–107; Hagedorn 1910a: 85; Hansen, V. 1956, 1964: 462; Henry 1892: 14; Henschel 1876a: 34, 240, 1895a: 166; Hopkins 1915b: 40; Inouye & Nobuchi 1957a; Joly 1976; Judeich & Nitsche 1895: 526; Kalina 1970: 125; Karpinski 1949: 129; Karpinski & Strawinski 1948: 155; Koch 1913: 100, 1928: 104, 1932: 146; Kuhnt 1913: 1055; Lacordaire 1866: 379; Letzner 1844: 68, 1891: 375; Lindemann 1875c: 362; Lovendal 1889b: 51, 1898: 124; Lucht 1987: 278; Lunardoni & Leonardi 1889: 458; Murayama 1954b: 162; Negru 1966b: 402; Niisima 1910a: 8, 1929: 376–381; Nordlinger 1848: 244, 1856: 28; Nunberg 1954: 52; Perris 1877a: 414; Pfeffer 1932b: 17, 1941b: 1, 1941c: 5, 1947e: 2, 1955a: 177; Portevin 1935: 324; Postner 1974: 430; Quaschik 1953: 35; Ratzeburg 1837: 135, 163, 1839: 165, 198; Redtenbacher 1849a: 791, 1849b: 26, 1858: 832; Reitter 1889a: 94, 1894a: 70, 1913a: 67; Rhumbler 1922: 299, 1927: 231; Rupertsberger 1879: 231, 1880: 229; Saalas 1913a: 69, 83, 1914: 304–306, 1916: 110–116; Schedl 1934f: 1638, 1952f: 87, 1959: 100, 1980a: 14, 1981b: 75; Scherb 1971; Schimitschek 1937c: 52, 1955c: 82; Seidlitz 1872: 393, 1891a: 562, 1891b: 607; Simmel 1918: 288–291; Sokanovskii 1954: 16; Spessivtsev 1913a: 90–91, 1922a: 472, 1925a: 36, 173, 1931: 49; Stark 1936e: 143, 1952: 265; Stierlin 1898: 439; Swaine 1909: 93, 1918a: 89; Wood, S. L. 1972f: 41–42. **(ms)** Escherich 1932b; Heinemann 1908a; Kozikowsky 1929: 254; Sedlacek 1902a: 126; Wichmann 1959: 412.
- asperulus Schedl** 1948g: 26. Lectotype ♀; Queensland, Imbil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 28.
Distribution: Australia (Queensland).
Hosts: *Cryptocarya erythroxylon*, *Grevillea robusta*.
References: **(ds)** Brimblecombe 1953: 16. **(tx)** Schedl 1948g: 26, 1979c: 28.
- ater Browne** 1984d: 91. Holotype, sex?, New Guinea: Gumi; BMNH, London.
Distribution: New Guinea.
Hosts: *Garcinia* sp.
References: **(tx)** Browne 1984d: 91.
- babai Murayama** 1961b: 29. Holotype ♂; Noo, south part of Niigata prefecture, Japan; Murayama Collection in USNM, Washington.
Distribution: Asia (Honshu in Japan).
References: **(ds)** Nobuchi 1985c: 13. **(tx)** Murayama 1961b: 29.
- balanopselaphus Eggers** 1920: 121. Holotype, sex?, Amani, Ostafrika; Hamburg Museum, lost.
Distribution: Africa (Tanzania).
Hosts: *Rubus* sp.
References: **(tx)** Eggers 1920: 121–122; Sampson 1922a: 141; Schedl 1957d: 49, 1961k: 460.
- bellus Schedl** 1957d: 47. Holotype, sex?, Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Ivory Coast/ Zaïre).
Hosts: *Ficus thonningis*, *Guarea cedrata*, *Musanga cercropioides*.
References: **(hb)** Schedl 1961k: 460. **(ds)** Browne 1973a: 279; Schedl 1961k: 460. **(tx)** Schedl 1957d: 47, 1961j: 349, 1961k: 460, 1979c: 36.
- bicarinatus (Nobuchi)** 1975: 53 (*Taenioglyptus*). Holotype ♂; Arakawa, Okinawa; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 2, fig. 16.
Distribution: Asia (Okinawa in Japan).
References: **(ds)** Nobuchi 1985c: 13. **(tx)** Nobuchi 1975: 53–54.
- bicolor (Browne)** 1984f: 69 (*Cryphalomorphus*). Holotype, sex?, New Guinea: Morobe District, Wau, Kunai Creek, 1500 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Castanopsis* sp.
References: **(tx)** Beaver 1991b: 53; Browne 1984f: 69.

- birosimensis** (Murayama) 1958: 935 (*Ernocryphalus*). Holotype ♂: Isl. Biro, Kagoshima pref., Japan; USNM, Washington.
Distribution: Asia (Japan).
Hosts: *Pittosporum tobira*.
Notes: (1) Schedl 1963i: 62 (to *Cryphalus*). Nobuchi 1985c: 12 (treated in *Scolytogenes*).
References: (ds) Nobuchi 1985c: 12. (tx) Murayama 1958: 935; Schedl 1962p: 203, 1963i: 62.
- boettcheri** Schedl 1951i: 57. Syntypes, sex?; Philippinen, Mindoro, San Theodoro; Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands (Mindoro).
References: (ds) Schedl 1966b: 19. (tx) Nobuchi 1983: 300; Schedl 1951i: 57, 1979c: 42.
- borneensis** Schedl 1943b: 38. Holotype, sex?; Borneo; Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya), Indonesia (Borneo).
Hosts: *Bruguiera gymnorhiza*, *Elaeocarpus* sp.
References: (hb) Browne 1961c: 68–69. (ds) Browne 1961c: 68–69; Schedl 1962b: 186. (tx) Schedl 1943b: 38, 1958b: 99, 1979c: 43.
- brasiliensis** Schedl 1976a: 65. Holotype, sex?; Botafofo, Guanabara, Brasil; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
Notes: (3) This holotype is either mislabeled or it represents an introduction from another area of the world.
References: (tx) Schedl 1976a: 65.
- brevipilosus** Schedl 1942c: 173. Holotype, sex?; Neu-Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1942c: 173, 1979c: 46.
- brimblecombei** Schedl 1948g: 26. Lectotype ♀; Queensland, Emu Vale; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 47.
Distribution: Australia (Queensland).
Hosts: *Cryptocarya erythroxylon*.
References: (ds) Brimblecombe 1953: 17; Schedl 1972a: 143. (tx) Schedl 1948g: 26, 1950f: 51, 1979c: 47.
- brownei** Wood 1992b: 79. Holotype, sex?; Sarawak, Semengoh; BMNH, London, automatic.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: *Artocarpus* sp.
References: (tx) Wood, S. L. 1992b: 79.
artocarpus Schedl 1958h: 498. Holotype, sex?; Sarawak, Semengoh; BMNH, London, preoccupied by Schedl 1939.
References: (tx) Schedl 1958h: 498, 1979c: 27; Wood, S. L. 1992b: 79.
- brunneus** Browne 1984d: 93. Holotype, sex?; New Guinea; Sawmill L. A.; BMNH, London.
Distribution: New Guinea.
Hosts: *Araucaria hunsteinii*.
References: (tx) Browne 1984d: 93.
- buloloensis** Browne 1984c: 67. Holotype, sex?; New Guinea; Morobe District, Bulolo, Snake Creek, 1000 m; BMNH, London.
Distribution: New Guinea.
References: (tx) Browne 1984c: 67.
- capucinicollis** Schedl 1950f: 47. Syntypes 2, sex?; Viti Levu; Navai Mill, near Nandarivatu, 2500 ft.; BPBM, Honolulu, and Schedl Collection in NHMW, Wien.
Distribution: Fiji Islands.
References: (ds) Browne 1974a: 64; Roberts 1976: 377. (tx) Schedl 1950f: 47, 1979c: 52.
- capucinoides** Eggers 1939b: 4. Holotype, sex?; Nordost-Birma (Kambaiti, 7000 Fuss); NHR, Stockholm.
Distribution: Asia (Burma).
References: (tx) Eggers 1939b: 4–5.
- capucinomorphus** Schedl 1950f: 48. Syntypes ♂ ♀; Viti Levu; Tholo-i-Suva, 500 ft.; BPBM, Honolulu, and Schedl Collection in NHMW, Wien.
Distribution: Fiji Islands.
References: (ec) Roberts 1976: 378. (hb) Roberts 1976: 378. (ds) Browne 1979a: 64; Roberts 1976: 378. (tx) Schedl 1950f: 38, 47–48, 1953f: 83, 1955b: 284, 1979c: 52.
- capucinus** Schedl 1938g: 425. Lectotype ♂; Luzon, Laguna Province, Mount Maquiling; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 52.
Distribution: Asia (Burma/ "China"), Philippine Islands.
Hosts: *Cassia javanica*.
Notes: (3) This is *parkeri* Beeson 1941: 591, nomen nudum.
References: (ds) Schedl 1938g: 425, 1966b: 20. (tx) Eggers 1939b: 4; Nobuchi 1983: 300; Schedl 1938g: 425, 1940d: 591, 1950f: 47, 1979c: 52.
- carpini** Berger 1916: 234. Lectotype ♀; Ussuri, USSR; IZL, Leningrad, designated by Michalski 1969a: 891.
Distribution: Asia (Japan/ Korea/ Siberia, Ussuri in E USSR).
Hosts: *Carpinus cordata*, *C. laxifolia*.
Notes: (3) Choo 1983: 70 (redescribed).
References: (cn) Kurenzov 1935c: 187. (ec) Kurenzov 1934a: 52. (hb) Kurenzov 1935a: 19, 30, 1948b: 114; Stark 1952: 261. (ds) Choo 1983: 70; Choo & Woo 1985: 164; Kleine 1934a: 142; Krivolutskaya 1983; Kurenzov 1934a: 52, 1935a: 19, 30, 1935c: 187, 1936b: 350; Nobuchi 1985c: 13; Stark 1936e: 143, 1952: 261. (tx) Berger 1916: 234; Choo 1983: 70; Eggers 1929b: 11, 1942c: 29; Kurenzov 1941a: 140–142, 1948b: 114; Michalski 1969a: 891, 1969b: 567; Nobuchi 1964: 133; Schedl 1934f: 1635, 1979c: 53; Stark 1936e: 143, 1952: 261.

- carpinivorus** Murayama 1930b: 14. Holotype, sex?; Korvo (Korea); Murayama Collection in USNM, Washington.
Distribution: Asia (Korea).
Hosts: *Carpinus laxiflora*.
References: (ds) Chio 1957; Choo & Woo 1985: 164; Kleine 1934a: 142; Ko 1969: 275; Murayama 1930b: 10, 1937b: 375. (tx) Murayama 1930b: 10, 14–16, 1937b: 375; Schedl 1934f: 1639.
- chamaecipariae** Niisima 1910a: 10. Syntypes, sex?; Tokio, Japan (Garten der Tokioer Universitat); Nobuchi Collection, Ibaraki.
Distribution: Asia (Honshu in Japan).
Hosts: *Chamaeciparus obtusa*.
Notes: (3) Nobuchi 1985c: 15 (treated in *Hypothenemus*).
References: (ds) Kleine 1934a: 143; Murayama 1954b: 162; Nobuchi 1985c: 15. (tx) Murayama 1954b: 162; Niisima 1910a: 10; Schedl 1934f: 1640.
- chinlingensis** Tsai & Li 1963: 605, 612, 623. Holotype ♂; Szechuan, south of Yangtze River, China; Institute of Zoology, Academia Sinica.
Figures: Li, Dang, & Shi 1977: 192, Li & Zhou 1980: 192, Yin, Huang, & Li 1984: 108.
Distribution: Asia (Shanxi, Sichuan in China).
Hosts: *Pinus armandi*.
References: (hb) Li, Dang & Shi 1977: 72; Li & Zhou 1980: 72; Yang 1989c. (ds) Li, Dang, & Shi 1977: 72; Yin, Huang, & Li 1984: 107. (tx) Tsai & Li 1963: 605, 612, 623; Yin, Huang, & Li 1984: 107.
- ciliatipes** Blandford 1896f: 242. Syntypes ♂: Noumea a Kone (Delauney), New Caledonia; BMNH, London.
Distribution: New Caledonia Island.
References: (ds) Beeson 1938b: 287; Hagedorn 1910d: 41; Kleine 1913b: 118, 1914b: 300. (tx) Blandford 1896f: 242; Hagedorn 1910a: 85; Schedl 1953c: 296, 1957d: 12, 1979c: 57.
- cinereotestaceus** (Motschulsky) 1866: 403 (*Hypoborus*). Holotype ♀; Des Montagnes de Nura-Ellia, Ceylon; IZM, Moscow.
Distribution: Asia (Sri Lanka).
Notes: (3) Wood 1969c: 118 (near *paganus* or *pallidus*).
References: (ds) Gemminger & Harold 1872: 2685; Hagedorn 1910d: 29; Kleine 1912b: 186, 1914b: 273. (tx) Hagedorn 1910a: 61; Motschulsky 1866: 403; Wood, S. L. 1969c: 118.
- compactus** Lea 1910: 139. Syntypes, sex?; Queensland: Port Denison; SAM, Adelaide?.
Distribution: Australia (Queensland).
References: (ds) Brimblecombe 1953: 17. (tx) Lea 1910: 139; Schedl 1938f: 46–47.
- confusus** Eggers 1927b: 395. Holotype ♀; Sud Sumatra; Eggers Collection, in NHMW, Wien.
Distribution: Indonesia (Sumatra), New Guinea.
- Notes: (3) Schedl 1969b: 215 (described male).
References: (tx) Eggers 1927b: 395; Schedl 1943b: 38, 1969b: 215, 1979c: 62.
- coryli** Stark 1936: 144. Syntypes, sex?; publication not seen; IZL, Leningrad.
Distribution: Asia (E USSR).
Notes: (3) Doubtful species, could = *mandshuricus* Eggers.
References: (hb) Kurenzov 1948b: 113; Stark 1952: 269. (ds) Krivolutskaia 1983; Stark 1936e: 144, 1952: 269. (tx) Eggers 1942c: 28; Kurenzov 1948b: 113; Michalski 1969a: 891, 1969b: 567; Schedl 1979c: 66; Sokanovskii 1954: 17; Stark 1936e: 144, 1950: 229, 1952: 269.
- cryptomeriae** Niisima 1908a: 91. Syntypes 4, sex?; Kumamoto in der Provinz Higo, Japan; Nobuchi Collection, Ibaraki.
Distribution: Asia (Japan).
Hosts: *Cryptomeria japonica*.
References: (ds) Kleine 1913b: 118, 1914b: 257, 1934a: 142; Murayama 1954b: 199; Nobuchi 1985c: 13. (tx) Murayama 1954b: 199; Niisima 1908a: 91; Schedl 1934f: 1639.
- cylindricus** Browne 1980b: 384. Holotype, sex?; Pagai Island (Mentawai Islands, Indonesia) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Mentawai).
References: (ds) Browne 1980b: 384, 1981b: 597.
- cylindrus** Browne 1984d: 92. Holotype, sex?; New Guinea: Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Auracaria hunsteinii*.
References: (tx) Browne 1984d: 92.
- densepilosus** Schedl 1943b: 36. Holotype, sex?; Mt. Makiling, Laguna, Luzon, Philippinen; Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands (Luzon).
Hosts: *Ficus minnahassae*.
References: (ds) Schedl 1966b: 20. (tx) Nobuchi 1983: 300; Schedl 1943b: 36–37, 1953c: 295, 1979c: 77.
- dipterocarpi** Wood 1989: 179. Holotype ♀; Margherita Factory, Lakhimpur, Assam, India; FRI, Dehra Dun.
Distribution: Asia (Burma/ Assam in India).
Hosts: *Dipterocarpus alatus* D. pilosus.
Notes: (1) This is *dipterocarpi* Beeson 1941 (1961: 288), nomen nudum.
References: (ds) Beeson 1961: 288. (tx) Schedl 1940d: 591, 1942a: 169–170, 1943b: 39; Wood, S. L. 1989: 179.
- dissimilis** (Nobuchi) 1975: 57 (*Taeniohyptis*). Holotype ♀; Mt. Fuji, Yamanashi pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 2, fig. 21.
Distribution: Asia (Japan).
Hosts: *Abies homolepis*.

References: **(ds)** Nobuchi 1985c: 13. **(tx)** Nobuchi 1975: 57–58.

diversicolor Browne 1984d: 90. Holotype, sex?; New Guinea: Sawmill L. A.; BMNH, London.

Distribution: New Guinea.

Hosts: *Araucaria lumsteinii*.

References: **(tx)** Browne 1984d: 90.

dorsalis (Motschulsky) 1866: 403 (*Hypoborus*).
Syntypes 1 ♂, 2 ♀; India: IZM, Moscow.

Distribution: Asia (Burma/ Hainan Island in China/ Andaman Islands, Assam in India/ Vietnam), Indonesia (Java, Sumatra), Philippines (Luzon, Mindanao).

Hosts: *Artocarpus lakoocha*, *Ficus glomerata*, *F. rumphii*.

References: **(ds)** Gemminger & Harold 1872: 2684; Hagedorn 1910d: 29; Kleine 1912b: 186, 1914b: 273. **(tx)** Hagedorn 1910a: 61; Motschulsky 1866: 403; Wood, S. L. 1969c: 119.

nebulosus Motschulsky 1866: 403 (*Hypoborus*).
Syntypes 2, sex?; India: IZM, Moscow. Synonymy: Wood 1969c: 119.

References: **(ds)** Gemminger & Harold 1872: 2684; Hagedorn 1910d: 29; Kleine 1912b: 186, 1914b: 268. **(tx)** Hagedorn 1910a: 61; Motschulsky 1866: 403; Wood, S. L. 1969c: 119.

sericeus Motschulsky 1866: 402 (*Hylesinus*).
Holotype ♀; Ceylon; IZM, Moscow, preoccupied by Mannherheim 1843. Synonymy: Wood 1969c: 118.

References: **(ds)** Kleine 1912b: 171, 1914b: 273. **(tx)** Gemminger & Harold 1872: 2675; Hagedorn 1910a: 49; Motschulsky 1866: 402; Wood, S. L. 1969c: 118.

indicus Eichhoff 1878b: 489. Holotype ♂; Hindostan (Birma); Hamburg Museum, lost. Synonymy: Wood 1969c: 118.

References: **(cn)** Roonwal 1954: 89. **(hb)** Beaver & Browne 1978: 585; Browne 1938a, 1961c: 69; Kalshoven 1958b: 164; Yunus & Hua 1980: 228. **(ds)** Beaver & Browne 1975: 288, 1978: 585; Beeson 1961: 287; Browne 1938a, 1961c: 69; Hagedorn 1910d: 43; Kleine 1913b: 118, 1914b: 276, 278, 1934a: 142; Roonwal 1954: 89; Schedl 1938g: 424, 1962b: 186, 1966b: 21, 1971c: 376; Yunus & Hua 1980: 228. **(tx)** Eggers 1925: 152, 1927b: 396; Eichhoff 1878a: 384, 1878b: 489; Hagedorn 1910a: 87; Nobuchi 1983: 300; Schedl 1938g: 424, 1942a: 169, 1942d: 2, 22, 1951i: 50, 1965g: 22; Stebbing 1906: 403, 1914: 538; Wood, S. L. 1969c: 118.

dubiosus Schedl 1963i: 66. Holotype, sex?; Saigon; Schedl Collection in NHMW, Wien.

Distribution: Asia (Vietnam).

References: **(tx)** Schedl 1963i: 66, 1979c: 84.

duplosquamosus Schedl 1942d: 15. Lectotype, sex?; Java, Buitenzorg; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Java).

Hosts: *Canarium commune*.

References: **(ds)** Kalshoven 1958: 164. **(tx)** Schedl 1942d: 15, 1979c: 86.

elaboratus Schedl 1950f: 51. Syntypes 2, sex?; Vanua Mbalavu: Loma Loma, 200–500 ft., Mvana, 200 ft.; BPBM, Honolulu, and Schedl Collection in NHMW, Wien.

Distribution: Fiji Islands.

References: **(ds)** Browne 1974a: 64. **(tx)** Schedl 1950f: 51, 1979c: 88.

elongatus (Nobuchi) 1975: 42 (*Ericryphalus*).
Holotype, sex ?; Mt. Takao, Tokyo, Japan; Nobuchi, Ibaraki. Possible homonym.

Distribution: Asia (Japan).

Hosts: *Cornus controversa*.

Notes: (3) The position of this species is doubtful; it was named in an invalid genus and was said to be near *Ernoporicus caucasicus* (SLW).

References: **(tx)** Nobuchi 1975: 42, 1985c: 11.

elongatus Schedl 1962r: 105. Holotype, sex?; Fiji Inseln; Schedl Collection in NHMW, Wien.

Figures: Nobuchi 1975: pl. 1.

Distribution: Fiji Islands.

References: **(ds)** Browne 1974a: 64. **(tx)** Nobuchi 1975: pl. 1; Schedl 1962r: 105, 1979c: 89.

erraticum Schedl 1979g: 96. Holotype, sex?; Papua, Bulolo, Morobe District, Upper Manki L. A.; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: **(tx)** Schedl 1979g: 96.

exiguus Blandford 1894d: 82. Holotype, sex?; Fukushima (Japan); BMNH, London.

Figures: Yin, Huang, & Li 1984: 112.

Distribution: Asia (Anhui, Guizhou, Hebei, Jiangsu, Shandong, Sichuan, Zhejiang in China/ Japan/ Korea/ Kuril Islands/ Taiwan).

Hosts: *Broussonetia kazinoki*, *Celtis sinensis*, *Diospyros kaki*, *Etodia rutacarpa*, *Ficus* spp., *Morus alba*, *M. bombycis*, *Salix* sp.

Notes: (3) Choo 1983: 71 (redescribed).

References: **(cn)** Anonymous 1980g; Clausen 1931; Shiraki 1952. **(hb)** Krivolutskaia 1965a: 233, 1973: 134. **(ds)** Anonymous 1980g; Blandford 1894c; Cho 1957; Choo 1983: 71; Choo & Woo 1985: 164; Clausen 1931; Hagedorn 1910d: 42; Kleine 1913b: 118, 1914b: 256, 1934a: 142; Ko 1969: 275; Krivolutskaia 1965a: 233, 1973: 134; Ku 1964; Murayama 1930b: 10, 1933b: 2, 1936a: 126, 1937b: 375, 1949c: 100, 1950b: 1292, 1952a: 22, 1953c: 151, 1954b: 162; Shiraki 1952; Tsai & Li 1963: 603, 606; Yin, Huang, & Li 1984: 112. **(tx)** Blandford 1894d: 82; Choo 1983: 71; Murayama 1930b: 10, 14, 30, 1933: 14, 1936a: 126, 1937b: 375, 1950: 1292, 1952a: 22, 1954b: 162; Niiisima 1908a: 89–90, 1909: 140, 142, 1910a: 8–9; Nobuchi 1959c: 23; Schedl 1934f: 1639; Yin, Huang, & Li 1984: 112.

- pilosus* Sasaki 1899: 235. Syntypes?: Japan, publication not seen. Synonymy: Niisima 1909: 144. References: (tx) Niisima 1909: 146; Sasaki 1899: 238.
- felis* Wood** 1989: 180. Holotype ♀; Mussoorie, Uttar Pradesh, India; FRI, Dehra Dun. Distribution: Asia (Uttar Pradesh in India). Hosts: *Quercus* sp., *Vitis* sp. Notes: (1) This is *felis* Beeson, nomen nudum. References: (tx) Schedl 1940d: 591, 1943b: 37; Wood, S. L. 1989: 180.
- ficivorus* Murayama** 1958: 933. Syntypes 4, sex?; Muroto, Kochi pref., Shikoku, Japan; Murayama Collection in USNM, Washington. Distribution: Asia (Shikoku in Japan). Hosts: *Ficus wightiana*. References: (ds) Nobuchi 1985c: 13. (tx) Murayama 1958: 933.
- formosanus* Schedl** 1942a: 175. Holotype, sex?; Formosa; Schedl Collection in NHMW, Wien. Distribution: Asia (Taiwan). References: (ds) Nobuchi 1967: 24. (tx) Murayama 1934c: 288; Schedl 1942a: 174–175, 1943b: 35, 1979c: 98.
- fugax* Schedl** 1973e: 87. Holotype, sex?; Rambuso, Sudest Island, 0–100 m, Milne Bay District; AMNH, New York. Distribution: New Guinea. References: (tx) Schedl 1973e: 87, 1979c: 101.
- fuliginosus* Blandford** 1895a: 319. Holotype, sex?; Ceylon, Bogawantalawa; BMNH, London. Distribution: Asia (Sri Lanka). Hosts: Liana. References: (ds) Hagedorn 1910d: 43; Kleine 1913b: 118, 1914b: 273; Schedl 1959a: 481. (tx) Blandford 1895a: 319; Hagedorn 1910a: 86; Schedl 1959a: 481.
- fulmineus* Wood** 1989: 180. Holotype, sex?; Tharal, Garhwal, Uttar Pradesh, India; FRI, Dehra Dun. Distribution: Asia (Sichuan in China/ Uttar Pradesh in India). Hosts: *Ahus nitida*. Notes: (1) This is *dumineus* Beeson 1941 (1961: 286), nomen nudum. References: (ds) Roonwal 1954: 59. (tx) Schedl 1940d: 591; Wood, S. L. 1989: 180.
- fulvus* Niisima** 1908a: 92. Syntypes, sex?; Yatsuo-Berg in der Provinz Ohmi, Japan; Nobuchi Collection, Ibaraki. Figures: Nakane et al. 1963: 382, Nobuchi 1966d: pl. 3. Distribution: Asia (Liaoning, “Manchuria” in China/ Japan/ Korea/ Ryukyu Islands). Hosts: *Pinus bansiana*, *P. densiflora*, *P. koraiensis*, *P. rigida*, *P. tabulaeformis* var. *mukdensis*, *P. thunbergii*. Notes: (3) Choo 1983: 72 (redescribed). References: (ay) Sasakawa & Sasakawa 1981; Sasakawa & Yoshiyasu 1983. (bv) Nagasawa, Asano, & Makita 1968: 153–158, 1969: 80–85, 1970: 22–26; Nobuchi 1969b, 1969c; Sasakawa & Katayama 1975; Sasakawa & Kawaguchi 1987; Sasakawa & Negishi 1973; Sasakawa, Ohta, & Negishi 1976; Sasakawa & Sasakawa 1981, 1984; Sumimoto, Kondo, & Kamiyama 1974; Sumimoto et al. 1975. Yasunaga, Oshina, & Kuwatsuka 1962: 197–200; Yoshikawa et al. 1986. (cn) Anonymous 1980g; Godha et al. 1964; Inouye 1949a: 13, 110, 1949b; Ko 1984; Ko & Morimoto 1985; Nagasawa & Asano 1975; Nagasawa, Asano, & Fushimi 1968a, 1968b; Oda, Kato, & Nobuchi 1964; Sakai 1966: 120–129; Sakai et al. 1964: 61–68; Shiraki 1952; Yoshida & Fukuma 1972; Yoshida et al. 1974. (ec) Asano, Nagasawa, & Fushimi 1968; Heqvist 1967: 68; Kamijo 1981; Kishi 1969, 1970, 1972; Koyama 1963; Sasakawa & Negishi 1973; Sasakawa, Ohta, & Negishi 1976; Yasumatsu & Watanabe 1965: 68; Yoshikawa 1987a, 1987b; Yoshikawa et al. 1986. (hb) Asano, Nagasawa, & Fushimi 1968: 46–61; Nagasawa, Asano, & Makita 1969; Nagasawa et al. 1968; Sasakawa 1975; Sasakawa & Katayama 1975; Sasakawa & Negishi 1973; Sasakawa & Sasakawa 1984; Takahashi 1989: 403; Takahashi & Ito 1951: 159–161; Yoshikawa et al. 1986. (ds) Anonymous 1980g; Browne 1984b: 287; Cho 1955, 1957; Choo 1983: 72; Choo, Woo, & Nobuchi 1988a: 134; Choo, Woo, & Park 1983: 175; Inouye 1949b; Kleine 1913b: 118, 1914b: 257, 1934a: 142; Ko 1969: 275; Ku 1964; Murayama 1929b: 2, 1929d: 2, 1930a: 7, 1930b: 11, 1936b: 115, 1937b: 375, 1940a: 232, 1942a: 54, 1948: 2, 1949a: 11, 1949c: 100, 1950b: 1292, 1951a: 6, 1951c: 3, 1952a: 22, 1953a: 9, 1953c: 151, 1954b: 163, 1955: 98, 103; Nakane et al. 1963: 382; Nobuchi 1966d: 22; Nobuchi & Ono 1973: 181; Nohira & Ogawa 1986; Shiraki 1952; Tsai & Li 1963: 603; Yin, Huang, & Li 1984: 110. (tx) Choo 1983: 72; Eggers 1923b: 139; Hagedorn 1910a: 86; Murayama 1930b: 11, 15, 30, 1934c: 298, 1937b: 375, 1939: 144, 1940a: 232, 1950b: 1292, 1952a: 22, 1953a: 9, 1954b: 163, 1955: 92, 98, 103; Nakane et al. 1963: 382; Niisima 1908a: 92, 1910a: 8; Nobuchi 1959c: 25, 1966d: 22, pl. 3; Schedl 1934f: 1639, 1979c: 101; Sokanovskii 1954: 17; Tsai & Li 1963: 605; Yin, Huang, & Li 1984: 110.
- pini* Eggers** 1921: 39. Lectotype ♂; Kiautschou (China); USNM, Washington, designated by Anderson & Anderson 1971: 139. Synonymy: Eggers 1923b: 139. References: (ds) Schedl 1966b: 19. (tx) Anderson, W. H. & Anderson 1971: 25; Eggers 1921: 39, 1923b: 139; Nobuchi 1983: 300; Schedl 1934f: 1639.
- furukawai* Murayama** 1934a: 59 (reprint p. 3). Holotype, sex?; Chochin, south Korea; USNM, Washington.

Distribution: Asia (Japan/ Korea).

Hosts: *Alnus sibirica*, *Ficus wightiana*, *Pinus maximowiczii*, *P. thunbergii*.

Notes: (3) Nobuchi 1985c: 16 (treated in *Hypothenemus* [not seen by us]).

References: (ds) Cho 1957; Choo 1983: 72; Choo & Woo 1985: 164; Ko 1969: 275; Murayama 1936a: 127, 1937b: 375, 1938: 126, 1952a: 19, 1953c: 151, 1954b: 163; Nobuchi 1966d: 23, 1985c: 16. (tx) Choo 1983: 72; Murayama 1934a: 59 (reprint p. 3), 1936a: 127, 1937b: 375, 1952a: 19, 1954b: 163; Nobuchi 1966d: 23.

garambaensis Nunberg 1965b: 25. Holotype, sex?; Repub. of the Congo: Garamba Nat. Park, near 2801; Inst. Parcs Nat. Congo Coll. Figures: Nunberg 1965a: 35, 1965b: pl. 1–2. Distribution: Africa (Congo).

References: (ds) Nunberg 1952: 23. (tx) Nunberg 1952: 23, 1965a: 31, 35, 1965b: 25, pl. 1–2.

giganteus Schedl 1950d: 22. Holotype, sex?; Natal; Schedl Collection in NHMW, Wien. Distribution: Africa (Natal in South Africa). References: (tx) Schedl 1950d: 22, 1961k: 462, 1979c: 104.

gigas Schedl 1975g: 218. Holotype ♀; New Guinea, Wau; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 351, 1975g: 218, 1979c: 104.

helopioides Schedl 1953c: 295. Lectotype, sex?; Malaya Peninsula, Kelantan, Bt. Mengkebang; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 116. Distribution: Asia (Malaya). References: (ds) Browne 1961c: 69; Schedl 1971c: 363. (tx) Schedl 1953c: 295, 1979c: 116.

hirsutus (Nobuchi) 1975: 52 (*Taenioglyptes*). Holotype ♀; Komanoyu, Nigata pref., Japan; Nobuchi Collection, Ibaraki. Figures: Nobuchi 1975: pl. 2, fig. 15. Distribution: Asia (Japan). References: (ds) Nobuchi 1985c: 13. (tx) Nobuchi 1975: 52–53.

horridus Eichhoff 1878b: 488. Syntypes?, sex?; Asiae India orientalis; Hamburg Museum, lost. Distribution: Asia (Burma). References: (hb) Schedl 1961k: 462. (ds) Hagedorn 1910d: 43; Kleine 1913b: 118, 1914b: 269; Schedl 1961k: 462. (tx) Eichhoff 1878a: 384, 1878b: 488; Hagedorn 1910a: 86; Schedl 1960h: 104, 1961k: 462.

infimus Schedl 1972e: 287. Holotype, sex?; Ghana, Ashanti Region, Kwadaso, 320 m, N 6 degrees 42, W 1 degree 39; NHMB, Budapest. Distribution: Africa (Ghana). References: (tx) Schedl 1972e: 287.

intermedius Ferrari 1867a: 79. Holotype, sex?; Germania borealis (Norddeutschland); NHMW, Wien?

Figures: Grune 1979: 104, Pfeffer 1989a: pl. 6.

Distribution: Europe (Austria/ Czechoslovakia/ Germany/ Hungary/ Italy/ Poland/ Romania).

References: (ay) Escherich 1923b: 481, 616; Nusslin 1911a: 129. (bv) Grune 1979: 105; Kinelski 1958: 73. (cn) Escherich 1923b: 481, 616; Koch 1913: 95; Nusslin 1913: 257; Pierce, W. D. 1917: 84; Rhumbler 1922: 299, 1927: 312; Schimitschek 1937c: 52, 1955c: 82, 1955a: 44, 91, 1961a: 154; Schwerdtfeger 1944a: 183, 1957a: 188; Wichmann 1927b: 378. (ec) Hirschmann & Wisniewski 1982, 1983; Karpinski 1932a: 95; Kielczewski, Moser, & Weisniewski 1983; Kielczewski & Wisniewski 1978, 1980a, 1983; Kleine 1908c: 186; Michalski & Ratajczak 1989; Nusslin 1927: 300; Pfeffer 1960: 345; Ruhm 1955c: 176; Schedl 1958d: 187; Schimitschek 1955a: 44, 91; Schwerdtfeger 1944a: 183, 1957a: 188; Wisniewski 1979a, 1979b. (hb) Dombrowsky 1887; Eichhoff 1881a: 45, 180; Escherich 1923b: 481, 616; Györfi 1957; Henschel 1885b, 1895a: 167; Karpinski & Strawinski 1948: 155; Lengerken 1939, 1954: 83; Nunberg 1929: 103; Nusslin 1913: 257, 1927: 300; Pfeffer 1941b: 18; Postner 1974: 430; Rhumbler 1922: 299, 1927: 312; Schimitschek 1955a: 44, 91; Schwerdtfeger 1944a: 183, 1957a: 188, 1981: 194; Stark 1952: 263; Tredl 1908a: 30–31; Wachtl 1876a: 458; Wichmann 1927b: 378. (ds) Calver 1884, 1893; Eggers 1904; Endrodi 1958b; Escherich 1923b: 481, 616, 1932b; Fuchs 1905a; Gemminger & Harold 1872: 2683; Grune 1979: 104–105; Hagedorn 1910d: 43; Henschel 1895a: 167; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Horion 1951; Karpinski 1932a: 95; Karpinski & Strawinski 1948: 155; Kiefer et al. 1942: 528; Kinelski 1958: 73; Kleine 1912a: 267, 1913a: 35, 1913b: 118, 1934a: 142; Kraatz 1869: 59; Kurir 1947c: 11; Lucht 1987: 278; Nunberg 1954: 52; Pfeffer 1926a: 11, 1931b: 75, 1950b: 75, 1960: 345, 1989a: 82; Pierce, W. D. 1917: 84; Pittioni 1943: 176; Postner 1974: 430; Prossen 1913: 83; Redtenbacher 1874: 376; Reitter 1894a: 70, 1916: 288; Roubal 1941: 263; Schaufuss 1915: 1232; Schedl 1980a: 14, 1981b: 74; Schilsky 1909: 188; Schremmer 1959: 137; Schwerdtfeger 1981: 194; Seidlitz 1872: 393, 1891a: 562; Stark 1936a: 143, 1952: 263; Stein 1868: 114; Stein & Weise 1877: 164; Tredl 1907: 12; Wachtl 1876a: 458; Wichmann 1927a: 67–68. (tx) Dombrowsky 1887; Eggers 1929b: 10; Eichhoff 1868d: 49, 1878b: 126, 1881a: 45, 180, 1883a: 109, 132; Endrodi 1957a: 307, 1957b; Escherich 1923b: 481, 616; Ferrari 1867a: 79–80, 1867b: 114; Fleischer 1927; Grune 1979: 104–105; Hagedorn 1910a: 87; Henschel 1895a: 167; Karpinski & Strawinski 1948: 155; Koch 1913: 95, 1932: 146; Kuhnt 1913:

- 1055; Lucht 1987: 278; Niisima 1909: 144; Nunberg 1930, 1954: 52; Nusslin 1911a: 129; Pfeffer 1932b: 18, 1941b: 18, 1955a: 179, 1989a: pl. 6; Postner 1974: 430; Quaschik 1953: 35; Redtenbacher 1874: 376; Reitter 1894a: 70, 1913a: 67, 1916: 288; Rhumbler 1922: 299, 1927: 312; Schedl 1934f: 1639, 1980a: 14, 1981b: 74; Schimitschek 1937c: 52, 1955c: 82; Seidlitz 1872: 393, 1891a: 562; Stark 1936e: 143, 1952: 263. (**ms**) Escherich 1932b.
- jeholensis** Murayama 1939: 143. Syntypes, sex?; Shotoku, Manchukuo; Murayama Collection in USNM, Washington.
Figures: Nakane et al. 1963: 382, Nobuchi 1966d: pl. 3.
Distribution: Asia (Hebei, "Manchuria" in China/Japan/Korea).
Hosts: *Abies firma*, *Pinus densiflora*, *P. nigra*, *P. tabulaeformis*, *P. thunbergii*, *Smilax china*.
Notes: (3) Inouye & Nobuchi 1957: 50 (re-described).
References: (**ds**) Choo 1983: 73; Choo & Woo 1985: 164; Choo, Woo, & Nobuchi 1988a: 134; Murayama 1939: 140, 143, 1942a: 54, 1948: 2, 1949a: 12, 1951c: 3, 1952a: 20, 1953a: 10, 1953c: 151, 1954b: 163; Nakane et al. 1963: 382; Nobuchi 1966d: 23, 1985c: 14; Sawamoto 1940b: 141, 145; Tsai & Li 1963: 603, 605; Yin, Huang, & Li 1984: 110. (**tx**) Choo 1983: 73; Inouye & Nobuchi 1957a: 49; Murayama 1939: 140, 143, 1952a: 20, 1953a: 10, 1954b: 163; Nakane et al. 1963: 382; Nobuchi 1966d: 23, pl. 3; Sawamoto 1940b: 141–146; Yin, Huang, & Li 1984: 110.
- jezoensis** Inouye & Nobuchi 1957: 49. Syntypes 13, sex?; Soumkyo, Daisetsu-zan National Park, Hokkaido, Japan; Nobuchi Collection, Ibaraki.
Distribution: Asia (Hokkaido in Japan).
Hosts: *Picea jezoensis*.
References: (**ds**) Nobuchi 1985c: 14. (**tx**) Inouye & Nobuchi 1952a, 1957: 49.
- juglansi** Niisima 1913a: 3. Syntypes, sex?; Prov. Kushiro (Hokkaido); Nobuchi Collection, Ibaraki.
Distribution: Asia (Hokkaido, Honshu in Japan).
Hosts: *Juglans sieboldiana*.
References: (**cn**) Anonymous 1980g. (**ds**) Anonymous 1980g; Kleine 1934a: 142; Murayama 1954b: 199; Nobuchi 1985c: 14. (**tx**) Murayama 1954b: 199; Niisima 1913a: 3; Schedl 1934f: 1639, 1979c: 130.
- kagoshimensis** (Nobuchi) 1975: 56 (*Taenioglyptes*). Holotype ♀; Satamisaki, Kagoshima, Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 2, fig. 19.
Distribution: Asia (Japan).
References: (**ds**) Nobuchi 1985c: 14. (**tx**) Nobuchi 1975: 56.
- kesiyae** Browne 1975: 288 in Beaver & Browne. Holotype, sex?; Thailand: Chiang Mai, Doi Pui, 1600 m; BMNH, London.
Distribution: Asia (Thailand).
Hosts: *Pinus kesiya*.
References: (**tx**) Beaver & Browne 1975: 288; Browne 1980a: 370.
- kivuensis** Schedl 1957d: 48. Holotype, sex?; Congo Belge: Kivu, Hembe Bitale; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Ficus* cf. *capensis*.
References: (**ds**) Schedl 1961k: 464. (**tx**) Schedl 1957d: 48, 1961k: 464, 1979c: 132.
- kolbei** (Hagedorn) 1912c: 355 (*Allarthrum*). Syntypes, sex?; Peterhafen, Deutsch-Neuguinea; MNB, Berlin.
Distribution: New Guinea.
References: (**ds**) Kleine 1913b: 145, 1914b: 296; Krivolutskaya 1965a: 232, 1983. (**tx**) Hagedorn 1912c: 355; Hopkins 1914: 116; Michalski 1969b: 567; Schedl 1979c: 134.
- kurenzovi** Stark 1936: 142, 150. Lectotype, sex?; Maykhe R. Valley, Far East Terr.; IZL, Leningrad, designated by Michalski 1969a: 891.
Distribution: Asia (Sakhalin Island, Siberia, Ussuri in E USSR).
Hosts: *Abies holophylla*, *A. nephrolepis*.
References: (**cn**) Kurenzov 1935c: 187. (**ec**) Kurenzov 1934a: 52. (**hb**) Kurenzov 1935a: 20, 1948b: 102, 1950d: 145; Stark 1952: 256. (**ds**) Kurenzov 1934a: 52, 1935a: 20, 1935c: 187, 1936b: 351, 1938a: 61, 1950: 145; Stark 1936e: 142, 150, 1952: 256. (**tx**) Eggers 1942c: 28–30; Krivolutskaya 1958: 141–143; Kurenzov 1941a: 142–143, 1948b: 102; Michalski 1969a: 891, 1969b: 567; Murayama 1961: 30; Nobuchi 1965: 130; Nobuchi & Takahashi 1965: 3; Pfeffer 1944a: 131; Schedl 1952k: 158; Sokanovskii 1954: 16; Stark 1936e: 142, 150, 1951: 229, 1952: 256. (**ms**) Pfeffer 1944a: 131.
- punctulatus** Eggers 1942c: 29. Holotype, sex?; Ussuri, USSR; Eggers Collection (not mentioned by Anderson & Anderson 1971 or Schedl 1979c). Synonymy: Pfeffer 1944a: 131. References: (**tx**) Eggers 1942c: 29; Pfeffer 1944a: 131; Schedl 1952k: 158; Sokanovskii 1958: 38; Stark 1951: 229. (**ms**) Pfeffer 1944a: 131.
- ussuriensis** Eggers 1942c: 29. Holotype, sex?; Ussuri; Eggers Collection, in NHMW, Wien. Synonymy: Schedl 1952k: 158.
References: (**hb**) Stark 1952: 269. (**ds**) Krivolutskaya 1983; Pfeffer 1944a: 131; Stark 1952: 269. (**tx**) Eggers 1942c: 29–30; Pfeffer 1944a: 131; Schedl 1952k: 158, 1979c: 262; Stark 1952: 269.
- kurilensis** Krivolutskaya 1968: 53. Holotype, sex?; Kuril Islands; Institute of Zoology, Academy of Science, Vladivostok.
Figures: Krivolutskaya 1968: 53.
Distribution: Asia (Kuril Islands).
Hosts: *Toxicodendron trichocarpum*.

- References: **(tx)** Krivolutsкая 1968: 53–56, 1973: 136.
- kyotoensis Nobuchi** 1966d: 53. Holotype ♀; Mizorogaiké, Kyoto City, Japan; Nobuchi Collection, Ibaraki.
 Figures: Nobuchi 1966e: pls. 1–2.
 Distribution: Asia (Honshu in Japan).
 Hosts: *Alnus firma*.
 References: **(ds)** Nobuchi 1985c: 14. **(tx)** McNamara 1977: 196; Nobuchi 1966e: pls. 1–2, 1966d: 53.
- laevis Browne** 1984b: 288. Holotype, sex?; Malaysia: Kudat (Sabah) to Nagoya (Japan), imported; BMNH, London.
 Distribution: Asia (Malaya).
 Hosts: Keruing log.
 References: **(tx)** Browne 1984b: 288.
- laricis Niisima** 1909: 142. Syntypes, sex?; Nopporo in der Prov. Ishikari, Japan; Nobuchi Collection, Ibaraki.
 Figures: Nakane et al. 1963: 382, Nobuchi 1966d: pl. 3.
 Distribution: Asia (Japan/ Korea).
 Hosts: *Abies holophylla*, *A. sachaliensis*, *Larix leptolepis*, *Picea jezoensis*, *Pinus densiflora*, *P. koraiensis*, *P. silvestris*, *P. thunbergii*.
 Notes: (3) Inouye & Nobuchi 1957: 50 (re-described).
 References: **(cn)** Anonymous 1980g. **(ec)** Nishiguchi 1957: 75–78, 1959: 271. **(ds)** Anonymous 1980g; Choo 1983: 73; Choo & Woo 1985: 164; Kleine 1913b: 118, 1914b: 256, 1934a: 142; Kono 1938b: 65–68; Krivolutsкая 1983; Murayama 1948: 3, 1949a: 12, 1953a: 10, 1954b: 199; Nakane et al. 1963: 382; Nobuchi 1966d: 24, 1985c: 14; Sawamoto 1940a: 95–101. **(tx)** Choo 1983: 73; Hagedorn 1910a: 99; Inouye & Nobuchi 1957a: 49–50; Murayama 1953a: 10, 1954b: 199; Nakane et al. 1963: 382; Niisima 1909: 142; Nobuchi 1966d: 24, pl. 3; Sawamoto 1940a: 95, 100; Schedl 1934f: 1693, 1979c: 136.
- laticollis Browne** 1984b: 288. Holotype, sex?; Pomio (New Britain) to Nagoya (Japan), imported; BMNH, London.
 Distribution: New Guinea.
 Hosts: *Garcinia* sp.
 Notes: (3) Beaver 1991: 91 (cited in *Hypocryphalus* [not seen by us]).
 References: **(ds)** Ohno, Yoshioka, et al. 1989: 60. **(tx)** Beaver 1991: 91; Browne 1974a: 67, 1984b: 288.
- latus Eggers** 1929b: 10. Holotype, sex?; Ussuri, USSR; USNM, Washington, 2 Eggers cotypes in NHMW, Wien.
 Figures: Yin, Huang, & Li 1984: 103.
 Distribution: Asia (Heilongjiang in China/ Ussuri in E USSR).
 Hosts: *Abies* sp., *Larix dahurica*, *L. gmelinii*, *L. sp.*, *Picea* sp.
 References: **(cn)** Kurenzov 1935c: 188. **(ec)** Kurenzov 1934a: 57. **(hb)** Kurenzov 1935a: 19, 32, 1948b: 103; Stark 1952: 264. **(ds)** Krivolutsкая 1983; Kurenzov 1934a: 57, 1935a: 19, 32, 1935c: 188, 1936a: 113, 1938a: 65, 1951b, 1967; Schedl 1969a: 202; Stark 1936e: 143, 1952: 264; Tsai & Li 1963: 602; Yanovskii & Tegshzhargal 1985: 415; Yin, Huang, & Li 1984: 102. **(tx)** Anderson, W. H. & Anderson 1971: 17; Eggers 1929b: 10; Kurenzov 1941a: 143–144, 1948b: 103; Murayama 1943: 97; Schedl 1934f: 1639, 1979c: 137; Sokanovskii 1954: 16; Stark 1936e: 143, 1952: 264; Tsai & Li 1963: 605; Yin, Huang, & Li 1984: 102.
- lepocrinus Tsai & Li** 1963: 606, 619, 624. Holotype ♂; Szechuan, China; IZAS, Beijing.
 Figures: Tsai & Li 1963: 620; Yin, Huang, & Li 1984: 117 (adult).
 Distribution: Asia (Sichuan in China).
 Hosts: *Abies* sp.
 References: **(ds)** Yin, Huang, & Li 1984: 116. **(tx)** Tsai & Li 1963: 606, 609, 619–620, 624; Yin, Huang, & Li 1984: 116.
- leprosulus Browne** 1980e: 774. Holotype, sex?; Zaire: Riviere Samliki, 690 m; BMNH, London.
 Distribution: Africa (Zaire).
 References: **(tx)** Browne 1980e: 774.
- lipingensis Tsai & Li** 1959: 90. Holotype, sex?; North China (publication not seen); IZAS, Beijing.
 Figures: Li, Dang, & Shi 1977: 192, Li & Zhou 1980: 192, Tsai & Li 1959: 91, 1963: 616.
 Distribution: Asia (Shanxi, Sichuan in China).
 Hosts: *Pinus armandi*.
 References: **(hb)** Li, Dang, & Shi 1977: 73; Li & Zhou 1980: 73; Yang 1989c. **(ds)** Li, Dang, & Shi 1977: 73; Yin, Huang, & Li 1984: 113. **(tx)** Tsai & Li 1959: 90–91, 1963: 606, 616, 624; Yin, Huang, & Li 1984: 113.
- longior Browne** 1984d: 91. Holotype, sex?; New Guinea: Kaisenik; BMNH, London.
 Distribution: New Guinea.
 Hosts: *Castanopsis* sp.
 References: **(tx)** Browne 1984d: 91.
- longipennis (Browne)** 1970: 552 (*Taenioglyptes*). Holotype ♀; New Zealand: Greymouth; BMNH, London.
 Distribution: New Zealand.
 References: **(tx)** Browne 1970: 552–553.
- longipilus Schedl** 1943b: 34. Lectotype ♀; Sabaan, Ins. Mindoro, Philippinen; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 141.
 Distribution: Indonesia (Sumatra), Micronesia (Palau), Philippine Islands (Mindoro).
 References: **(ds)** Schedl 1966b: 21. **(tx)** Nobuchi 1983: 300; Schedl 1943b: 34, 1962r: 91, 1979c: 141; Wood, S. L. 1960a: 25.
- longisetosus (Nobuchi)** 1975: 57 (*Taenioglyptes*). Holotype ♀?; Hirogawara, Yamanashi pref., Japan; Nobuchi Collection, Ibaraki.
 Figures: Nobuchi 1975: pl. 2, fig. 20.

Distribution: Asia (Japan).

Hosts: *Tsuga diversifolia*.

References: **(ds)** Nobuchi 1985c: 14. **(tx)** Nobuchi 1975: 57.

major Stebbing 1903a: 270. Holotype ♀; India, Tono Valley; FRI, Dehra Dun.

Distribution: Asia (Himachal Pradesh, Punjab, Uttar Pradesh in India).

Hosts: *Picea morinda*, *Pinus excelsa*, *P. roxburghii*.

References: **(cn)** Beeson 1915a: 317–325; Mathur & Singh 1960b: 51; Pierce, W. D. 1917: 74; Stebbing 1903a: 270, 1914: 530; Troup 1916: 1–126. **(ec)** Stebbing 1914: 530. **(hb)** Beeson 1915a: Stebbing 1903a: 270, 1914: 530. **(ds)** Beeson 1961: 286; Hagedorn 1910d: 44; Kleine 1913b: 118, 1914b: 276, 1934a: 142; Mathur & Singh 1960b: 51; Pierce, W. D. 1960b: 51; Stebbing 1903a: 270. **(tx)** Hagedorn 1910a: 87; Stebbing 1903a: 270, 1914: 530; Wood, S. L. 1989: 171.

morinda Stebbing 1903: 265. Syntypes 2, sex?; Sakahar, Bashar, Punjab, India; FRI, Dehra Dun. Synonymy: Wood 1989: 171.

References: **(cn)** Pierce, W. D. 1917: 81; Stebbing 1903a: 265, 1914: 535. **(ec)** Chararas 1959c; Stebbing 1914: 535. **(hb)** Stebbing 1903a: 265, 1914: 535. **(ds)** Hagedorn 1910d: 44; Kleine 1913b: 118, 1914b: 269, 1934a: 142; Pierce, W. D. 1917: 81; Stebbing 1903a: 265. **(tx)** Hagedorn 1910a: 87; Stebbing 1903: 265, 1914: 535; Wood, S. L. 1989: 171.

malloti Schedl 1943b: 37. Lectotype, sex?; Baguio, Luzon, Philippines; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 147.

Distribution: Philippine Islands (Luzon).

Hosts: *Mallotus ricinoides*, *Pinus insularis*.

References: **(ds)** Schedl 1966b: 21. **(tx)** Nobuchi 1983: 300; Schedl 1943b: 37, 1952b: 363, 1953c: 295, 1979c: 147.

malus Niisima 1909: 144. Syntypes, sex?; Hakodate; Nobuchi Collection, Ibaraki.

Distribution: Asia (Liaoning in China/ Japan/ Korea).

Hosts: *Armanica* sp., *Prunus armeniaca*, *P. mume*, *P. persica*, *P. pseudo-cerasus*, *P. salicina*, *P. sargentii*, *Pyrus malus*, *Sorbus commixta*.

References: **(cn)** Clausen 1931. **(ds)** Choo 1983: 74; Choo & Woo 1985: 165; Choo, Woo, & Nobuchi 1983: 171, 1988a: 134; Clausen 1931; Kleine 1913b: 118, 1914b: 257, 1934a: 142; Murayama 1954b: 199, 1955: 103; Nobuchi 1985c: 14; Tsai, Huang, & Li 1984: 104; Tsai & Li 1963: 602. **(tx)** Hagedorn 1910a: 88; Murayama 1954b: 199, 1955: 123; Niisima 1909: 144; Schedl 1934f: 1639; Tsai, Huang, & Li 1984: 104; Tsai & Li 1963: 605–606, 623.

mandschuricus Eggers 1929c: 10. Lectotype ♂; Ussuri; USNM, Washington, designated by Anderson & Anderson 1971: 19.

Figures: Yin, Huang, & Li 1984: 113 (gallery).

Distribution: Asia (Heilongjiang in China/ E USSR).

Hosts: *Corylus mandshurica*, *Juglans mandshurica*.

Notes: (3) Tsai & Li 1963: 28 (*coryli* Stark, nomen nudum, synonymy).

References: **(cn)** Kurenzov 1935c: 191. **(ec)** Kurenzov 1934a: 57. **(hb)** Kurenzov 1935a: 19, 30, 1948b: 113; Stark 1952: 262; Tsai & Li 1963: 599; Yin, Huang, & Li 1984: 113. **(ds)** Kleine 1934a: 142; Krivolutsкая 1983; Kurenzov 1934a: 51, 1935a: 19, 30; 1935c: 191, 1936a: 111, 1936b: 350, 1938a: 61; Murayama 1939: 137, 1942a: 49, 55; Stark 1936e: 143, 1952: 262; Tsai & Li 1963: 599; Yin, Huang, & Li 1984: 113. **(tx)** Anderson, W. H. & Anderson 1971: 19; Eggers 1929c: 10; 1942c: 28; Kurenzov 1941a: 145–146, 1948b: 113; Murayama 1939: 137, 140; Schedl 1934f: 1639, 1979c: 148; Stark 1936e: 143, 1952: 262; Tsai & Li 1963: 606; Yin, Huang, & Li 1984: 113.

markangensis Tsai & Li 1963: 606, 618, 624. Holotype ♂; Szechuan (Markan); IZAS, Beijing.

Figures: Tsai & Li 1963: 618; Yin, Huang, & Li 1984: 116 (head, antenna).

Distribution: Asia (Sichuan in China).

Hosts: *Abies faxoniana*.

References: **(ds)** Yin, Huang, & Li 1984: 115. **(tx)** Tsai & Li 1963: 606, 618, 624; Yin, Huang, & Li 1984: 115.

massonianus Tsai & Li 1963: 605, 613, 626. Holotype ♂; Nanking, China; IZAS, Beijing.

Distribution: Asia (Jiangsu in China).

Hosts: *Pinus massoniana*.

Notes: Tsai & Li 1963: 613 (This species was treated as *Cryphalus piceus* in Tsai & Li 1959: 88–89; *C. piceus* is a different species).

References: **(ds)** Yin, Huang, & Li 1984: 109. **(hb)** Tsai & Li 1963: 599, 605, 613, 623, 626; Yin, Huang, & Li 1984: 109.

meridionalis (Nobuchi) 1975: 55 (*Taenioglyptes*).

Holotype ♀; Yona, Okinawa pref., Japan; Nobuchi Collection, Ibaraki.

Figures: Nobuchi 1975: pl. 2, fig. 19.

Distribution: Asia (Okinawa in Japan).

References: **(ds)** Nobuchi 1985c: 14. **(tx)** Nobuchi 1975: 55–56.

minimus Eggers 1927c: 76. Lectotype, sex?; Philippines: Luzon, Provinz Camarines Sur, Mount Isarog; USNM, Washington, designated by Anderson & Anderson 1971: 20.

Distribution: Micronesia (Caroline Islands, Palau), Philippine Islands (Luzon).

References: **(ds)** Schedl 1938g: 425; Wood, S. L. 1960a: 22. **(tx)** Anderson, W. H. & Anderson 1971: 20; Eggers 1927c: 76–77; Schedl 1938g: 425, 1943b: 34–35, 1953c: 289, 293, 1962r: 91, 1979c: 153; Wood, S. L. 1960a: 22, 25.

miyalopiceus Tsai & Li 1963: 602, 604, 608, 622. Holotype, sex?; China; IZAS, Beijing.

- Figures: Tsai & Li 1963: 608, Yin, Huang, & Li 1984: 102 (adult).
Distribution: Asia (Sichuan in China).
Hosts: *Picea asperata*.
References: **(ds)** Yin, Huang, & Li 1984: 101. **(tx)** Tsai & Li 1963: 602, 604, 608, 618, 622; Yin, Huang, & Li 1984: 101.
- mollis Schedl** 1955b: 288. Holotype ♀; Fiji, Suva; BMNH, London.
Distribution: Fiji Islands, Niue Island, Samoan Islands.
Hosts: *Artocarpus* sp.
References: **(ds)** Beaver 1976b: 534, 1987b: 64; Beaver & Maddison 1991: 1371; Browne 1974a: 64; Roberts 1976: 379; Schedl 1955b: 284. **(tx)** Beaver 1979c: 158, 1987b: 67; Schedl 1955b: 284, 288, 1979c: 158.
- montanus Nobuchi** 1964: 129. Holotype ♂; Shirotoge, Okunikko, Gunma pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1964: 129.
Distribution: Asia (Honshu in Japan).
Hosts: *Abies mariesii*.
References: **(cn)** Anonymous 1980g, **(ds)** Anonymous 1980g; Nobuchi 1985c: 14. **(tx)** McNamara 1977: 196; Nobuchi 1964: 129; Schedl 1979c: 158.
- neglectus Schedl** 1962p: 106. Holotype, sex?; Bengal: Sunderbans; Schedl Collection in NHMW, Wien.
Distribution: Asia (Bengal in India).
Hosts: *Hibiscus tiliaceus*.
Notes: (3) This is *Eriocryphalus neglectus* Beeson 1941: 373 (1961: 287), nomen nudum. The type was sent by Beeson to Schedl for comparison, but was never returned to the Forest Research Institute.
References: **(cn)** Mathur & Singh 1960b: 51. **(ds)** Beeson 1961: 278; Mathur & Singh 1960b: 51; Schedl 1971a: 275. **(tx)** Schedl 1940d: 591, 1950f: 49, 1953c: 289, 1962p: 106, 1979c: 164.
- negrosensis Browne** 1979: 85. Holotype, sex?; Philippines: Negros, Dewey Island; BMNH, London.
Distribution: Philippine Islands (Negros).
Hosts: Bucauan seed, *Rhizophora* sp.
References: **(tx)** Browne 1979: 85; Nobuchi 1983: 300.
- niger Schedl** 1942c: 172. Holotype ♂; Australien, Queensland; Schedl Collection in NHMW, Wien.
Distribution: Australia (Queensland).
References: **(hb)** Schedl 1977a: 37. **(tx)** Schedl 1942c: 172–173, 1977a: 37, 1979c: 166.
- nigericus Browne** 1973a: 289. Holotype ♀; Nigeria: Bongo; MRCB, Tervuren.
Distribution: Africa (Nigeria).
Hosts: *Albizia glaberrima*.
References: **(tx)** Browne 1973a: 289.
- nigricans Schedl** 1943b: 35. Lectotype ♀; Baguio, Luzon, Philippinen; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka), Philippine Islands (Luzon).
Hosts: *Myristica dactyloides*.
References: **(ds)** Schedl 1966b: 22. **(tx)** Nobuchi 1983: 300; Schedl 1942c: 172, 1943b: 35, 1979c: 167.
- niponensis Inouye & Nobuchi** 1957a: 51. Syntypes 4, sex?; Soumkyo, Daisetsu-zan National Park, Hokkaido, Japan; Nobuchi Collection, Ibaraki.
Distribution: Asia (Hokkaido in Japan).
Hosts: *Picea jezoensis*.
References: **(ds)** Nobuchi 1985c: 14. **(tx)** Inouye & Nobuchi 1957a: 51.
- nitens Browne** 1980: 494. Holotype, sex?; Togian Isl. (Celebes) to Osaka (Japan), imported; BMNH, London.
Distribution: Indonesia (Celebes).
Hosts: *Ganua* sp.
References: **(ds)** Browne 1985a: 191, 1986c: 663. **(tx)** Browne 1980: 494.
- nitidipennis Browne** 1984d: 89. Holotype, sex?; New Guinea: Stony L. A.; BMNH, London.
Distribution: New Guinea.
Hosts: *Protium* sp.
References: **(ds)** Browne 1983a: 555, 1984d: 89. **(tx)** Browne 1984d: 89.
- nothofagi Browne** 1984c: 68. Holotype, sex?; New Guinea: Morobe District, Mount Kaindi, 2350 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Nothofagus* sp.
References: **(tx)** Browne 1984c: 68.
- numidicus Eichhoff** 1878b: 487. Syntypes, sex?; Europae Graecia; Hamburg Museum, lost.
Distribution: Africa (Algeria/ Egypt/ Libya/ Morocco/ Tunisia), Asia (Turkey), Europe (Bulgaria/ Corsica/ Greece/ Italy/ Spain/ Switzerland).
Hosts: *Abies numidica*.
References: **(ay)** Chararas 1973c. **(bv)** Chararas 1973c; Chararas, Desveaux, & Kogane-Charles 1978a; Grune 1979: 105. **(cn)** Chararas 1977c; Strohmeier 1930: 2. **(ee)** Chararas, Desveaux, & Kogane-Charles 1978a; Kleine 1908c: 186; Peyerimhoff 1934: 52. **(hb)** Barbey 1934; Dombrowsky 1887; Eichhoff 1881a: 45, 176; Henschel 1895a: 167; Lepiney & Mimeur 1932: 45; Postner 1974: 431; Strohmeier 1930: 2. **(ds)** Champion 1894; Grune 1979: 105; Hagedorn 1910d: 44; Henschel 1895a: 167; Heyden, Reitter, & Weise 1883: 181, 1891: 671, 1906: 711; Kleine 1913b: 119, 1934a: 142; Ortzen 1886: 279; Peyerimhoff 1919: 284, 1933b: 361, 1934: 52; Pfeffer 1935: 158, 1947d: 128; Pittioni 1943: 176; Postner 1974: 431; Reitter 1889a: 94, 1894a: 70; Schaufuss 1915: 1232; Schedl 1967c: 70; Stein & Weise 1877: 164; Tredl 1907: 12. **(tx)** Balachowsky 1949a: 207; Dombrowsky 1887; Eggers 1940g: 37; Eichhoff 1868b: 404, 1878a: 385, 1878b: 124, 487, 1881a: 45, 176, 1883a: 109, 132; Grune 1979: 105; Hagedorn 1910a: 87; Henschel

- 1955a: 167; Hopkins 1915b: 37, 39; Pfeffer 1955a: 176; Postner 1974: 431; Reitter 1889a: 94, 1894a: 70, 1913a: 66; Schedl 1934f: 1639; Strohmeier 1930: 1–7.
- nyalubombeae** Schedl 1957d: 49. Holotype, sex?; Congo Belge: Kivu, Mt. Kahuzi; MRCB, Tervuren. Figures: Schedl 1961k: 465. Distribution: Africa (Zaire). Hosts: *Nymphaea monospora*. References: (ds) Schedl 1961k: 464. (tx) Schedl 1957d: 49, 1961k: 464–465, 1979c: 173.
- oblongus** Niisima 1910a: 9. Holotype, sex?; Tokio, Japan; Nobuchi Collection, Ibaraki. Distribution: Asia (Honshu in Japan). Hosts: *Pinus densiflora*. Notes: (3) Nobuchi 1985c: 16 (treated in *Hypothenemus* [not seen by us]). References: (ds) Kleine 1934a: 143; Murayama 1948: 2, 1949a: 12, 1951c: 3, 1953a: 10, 1954b: 164; Nobuchi 1966b: 22, 1985c: 16. (tx) Murayama 1953a: 10, 1954b: 164; Niisima 1910a: 9; Nobuchi 1966b: 22; Schedl 1934f: 1640.
- orientalis** Eggers 1911a: 122. No mention of types; Herzegovina: Metallon Pass; not given. Distribution: Europe (Yugoslavia). Notes: (1) Originally named as a subspecies of *piceae*, elevated to species rank by Stark 1936c: 143. References: (ec) Krivosheina 1974; Nikitsky 1978; Poinar 1975: 151. (hb) Stark 1952: 260. (ds) Arnoldi et al. 1955: 689; Pfeffer 1924b: 472; Pjatkitskii 1930a: 165; Stark 1936c: 143, 1952: 260. (tx) Eggers 1911a: 122–123; Iablokoff-Khnzorian 1961: 157; Pfeffer 1932b: 17; Pjatkitskii 1932: 295–302; Schedl 1934f: 1639; Sokanovskii 1954: 17; Stark 1936c: 143, 1952: 260.
- paganus** Eichhoff 1878b: 43, 129–130, 474. Holotype, sex?; Insula principalis prope oram Guineensem Africanam; Dohrn Collection at Stettin Museum, now in Schedl Collection in NHMW, Wien. Distribution: Africa (Equatorial Guinea/ Ghana/ Guinea/ Principe Island/ Sao Tome Island/ Zaïre). References: (ds) Hagedorn 1910d: 44; Kleine 1913b: 119, 1914b: 315; Schedl 1961k: 465, 1962h: 58, 1962k: 1068, 1964e: 68, 1971g: 190. (tx) Browne 1965: 188; Eggers 1943c: 68; Eichhoff 1878b: 43, 129–130, 474; Hagedorn 1910a: 87; Schedl 1961k: 465, 1962k: 1068, 1979c: 182.
- palawanus** Schedl 1942a: 174. Syntypes, sex?; N. Palawan, Binaluan, Philippinen; Schedl Collection in NHMW, Wien. Distribution: Asia (Sri Lanka), Philippine Islands (Palawan). Notes: (1) Schedl 1979c: 182 (citation of holotype invalid). References: (ds) Schedl 1959a: 481, 1966b: 22. (tx) Nobuchi 1983: 300; Schedl 1942a: 174, 1959a: 481, 1979c: 182.
- pallidus** Eichhoff 1872a: 131. Holotype ♂; Madagascar; IRSNB, Brussels. Distribution: Africa (Burkina Faso/ Mauritius/ Seychelles Islands), Madagascar. Hosts: *Ficus melleri*, *F. thonningii*. References: (hb) Beaver 1987a: 17; Paulian 1951: 27; Schedl 1961k: 466. (ds) Alluaud 1900: 439; Anonymous 1892: 165; Beaver 1987a: 17; Fairmaire 1892b; Gemminger & Harold 1872: 2683; Hagedorn 1910d: 44; Kleine 1913b: 119; Lee 1971: 31; Lepesme 1948: 145; Paulian 1951: 27; Sampson 1914: 382; Schedl 1961k: 466. (tx) Duffy 1953: 13; Eichhoff 1872a: 131, 1878b: 127–128, 530; Fairmaire 1892b; Hagedorn 1910a: 87, 1913b: 254; Lepesme 1948: 145; Powell, W. 1980: 29; Sampson 1914: 382; Schedl 1951j: 19, 1961k: 466, 1969d: 8, 11, 1977a: 40, 1979c: 182.
- parculus** Niisima 1910a: 8. Holotype, sex?; Tokio, Japan; Nobuchi Collection, Ibaraki. Distribution: Asia (Honshu in Japan). References: (ds) Murayama 1954b: 199; Nobuchi 1985c: 14. (tx) Murayama 1954b: 199; Niisima 1910a: 8; Schedl 1934f: 1640.
- parvus** Browne 1984a: 152. Holotype, sex?; Viru Harbour (Solomon Islands) to Shimizu (Japan), imported; BMNH, London. Distribution: Solomon Islands. References: (tx) Browne 1984a: 152.
- pexus** Schedl 1979f: 104. Holotype, sex?; Samoa, Upolu, Tapatapao; Schedl Collection in NHMW, Wien. Distribution: Samoan Islands. References: (tx) Schedl 1979f: 104.
- piceae** (Ratzeburg) 1837: 163 (*Bostrichus*). Syn-types, sex?; Oberschlesien und Baiern; not located. Figures: Balachowsky 1949a: 16, 204, 206, 208, Chararas 1962c: 242, Grune 1979: 104, Hasek 1961: 5, Nobuchi 1966d: pl. 3, Pfeffer 1989a: pl. 6, Postner 1974: 429. Distribution: Africa (Algeria), Asia (“Manchuria” in China/ Japan/ Korea/ Kuril Islands/ Turkey/ Sakhalin Island, Siberia in E USSR), Europe (Austria/ Bulgaria/ England/ France/ Germany/ Greece/ Hungary/ Italy/ Poland/ Romania/ Spain/ Switzerland/ W USSR/ Yugoslavia). Hosts: *Abies cephalonica*, *A. firma*, *A. holophylla*, *A. mariesii*, *A. pectinata*, *A. sachalinensis*, *Picea excelsa*, *P. glehnii*, *P. jezoensis*, *Pinus densiflora*. Notes: (3) Inouye & Nobuchi 1957: 52 (re-described). Ferrari 1867a: 12 misidentified *asperatus* var. *abietis*; it was actually *piceae*. References: (ay) Chararas 1973c; Escherich 1923b: 462, 481, 611; Hadorn 1933; Nunberg 1928a: 140; Nusslin 1910: 293, 1911a: 5, 255, 277, 337, 378; Ritchie 1919: 171; Scherb 1971. (bv) Chararas 1973c; Chararas & Stephanopoulos 1975a; Chararas et al. 1982: 1094; Grune 1979: 105; Krol & Zabecky 1976; Prell 1931: 364;

- Schneider-Orelli 1947c: 94; Schwerdtfeger 1981: 193; Wichmann 1953a: 107, 1967. (**cn**) Androic 1966: 48; Barbey 1901: 69, 1906a, 1925: 162; Bezares 1921, 1929: 38–42; Borcea 1924: 221–260, 1930: 271; Braum 1941b: 375; Bruneau 1950; Capecki 1982; Capek et al. 1957; Chararas 1959c: 113–129, 1959f: 3612–3614, 1961b: 69, 1961c: 92, 1978; Chorbadzhievo 1929; Eckstein 1915, 1926: 578; Elmnstrom et al. 1974; Escherich 1923b: 462, 481, 611, 1936; Fankhauser 1896; Felt 1906: 753; Fice 1961: 173–204; Fitze 1953: 1–28; Gabler 1955; Georgescu et al. 1957: 357, 448; Georgijevic 1966: 3–48; Gradojevic 1920; Grandi 1951; Hasek 1955, 1961: 5; Hess 1898: 360; Hess & Beck 1914: 265, 1927: 321; Hierholzer 1954a: 338; Hopkins 1899: 444; Hrubik 1973; Inouye 1955; Inouye & Yamaguchi 1955a: 235; Jacentkovsky 1933: 270; Joly 1949b: 253, 1976b; Judeich & Nitsche 1895: 492, 526; Kahl 1896; Kailidis 1964a: 41–54, 1966a: 81–85, 1968; Kailidis & Georgevits 1968: 1–64, 1972; Kailidis & Markalas 1988; Keller 1903b: 58; Koch 1913: 95; Kovacevic 1957: 67; Krol & Zabecki 1976; Maksimovic & Milanovic 1964, 1966; Maksymov 1950: 502; Marcu 1926c: 63, 1930: 327–336; Marie 1926: 167–171; Martin & Cobos 1986; Merker 1954b: 209; Mizuno 1963: 272–277, 1966: 93–97; Muller 1912: 185; Murayama 1954a: 14; Nosek 1951: 105, 1952b: 98; Novak, V., Hrozinka, & Stary 1976: 69; Nusslin 1913: 223; Pfeffer 1924b: 472; Pierce, W. D. 1917: 69; Regula 1955: 120; Rhumbler 1922: 299, 1927: 312; Ritchie 1919: 171; Scheidter 1919: 84, 1920: 209; Schimitschek 1937b: 9, 1937c: 52, 1947g: 188, 1949b: 180, 1950: 53, 1952a: 194, 1955a: 43, 85, 1955b: 102, 1955c: 82, 1956: 342, 1961a: 154; Schmidt 1881: 34; Schneeberg 1925: 495; Schneider-Orelli & Kuhn 1948: 533; Schwappach et al. 1929: 186; Schwerdtfeger 1944a: 182, 1950b: 68, 1957a: 188; Sedlaczek 1921: 335, 1933: 307, 1936: 200; Shiraki 1952; Sinreich 1958: 196–198, 1961: 166, 1962; Slander 1948: 10; Spaic 1955: 454; Stockl 1941: 177; Strohmeier 1930: 2; Sturm 1843: 230; Thalenhorst 1950: 90; Tamanuki 1933: 1–54; Tomic 1957: 207–210; Trinchieri 1921: 1–12; Wachtl 1901: 381; Wahl & Muller 1913: 1–70, 1919: 168–170; Wurdle 1929: 325; Weber, H. 1926: 578; Wilke 1931: 636; Wohlmann 1936: 41; Wolff & Krausse 1922: 88; Yamagisawa 1952: 106; Zivojinovic 1950: 299–310. (**ec**) Apfelbeck 1916b; Balazy & Michalski 1964b; Barbey 1906a; Belanowskii 1930; Capecki 1982; Capek 1957; Capek & Capecki 1979; Chararas 1958b, 1959a, 1959c, 1959d, 1959e, 1959f, 1960a: 31; Chararas et al. 1982: 1094; Fuchs 1914a, 1929a, 1930; Gaulle 1906: 237; Györfi 1952b; Haeselbarth 1962: 283, 1967; Hierholzer 1954a: 338, 1954b: 387; Hirschmann & Wisniewski 1982: 1983; Hubault 1923a; Inouye 1954: 171; Inouye & Yamaguchi 1955a: 235; Inouye et al. 1955: 58; Janmicky 1957c; Joly 1949a: 7; Karpinski 1932a: 95; Kielczewski, Moser, & Wisniewski 1983; Kielczewski & Wisniewski 1978, 1983; Kleine 1908c: 186, 1909a: 46, 1944: 80; Kraemer 1950b: 384; Krol & Zabecki 1976; Merker 1954b: 209; Michalski & Ragajczak 1989; Nishiguchi 1959: 271; Nosek 1951: 105, 1952b: 98; Numberg 1930: 203; Nusslin 1927: 300; Perris 1856a: 244; Pfeffer 1923a: 331, 1928b: 7, 1932a: 18, 1943b: 179, 1955b: 84, 1960: 345; Poinar 1975: 151; Rondani 1873: 146; Ruhm 1955c: 76, 1956b: 3; Scheidter 1919: 69–90, 1920, 1936: 235; Schimitschek 1930a: 326, 1950: 53, 1952a: 194, 1955a: 43, 85, 1964e; Schwerdtfeger 1944a: 182, 1950b: 68, 1957a: 188; Sedlaczek 1900: 503, 1908: 46, 1933: 307, 1935a: 163; Szymusik 1923: 7; Tenkacova & Mituch 1987; Thompson, W. R. 1943: 37; Wichmann 1953a: 107, 1967; Wilke 1931: 636; Yasumatsu & Watanabe 1965: 68. (**hb**) Altum 1881c: 322; Apfelbeck 1916b, 1917; Barbey 1901: 10, 22, 69, 1913, 1925: 162, 1934, 1942; Bargmann 1897a, 1900, 1906; Beffa 1949, 1961; Borcea 1924; Braun 1941c; Cecconi 1906, 1924; Chamberlin 1939: 315; Chararas 1961b: 69, 1961c: 92, 1962c: 242; Charvat 1950; Chorbadzhievo 1929; Dombrowsky 1887; Eckstein 1897, 1915, 1926: 578; Eichhoff 1881a: 45, 172; Escherich 1923b: 462, 481, 611; Fuchs 1904a, 1905c: 339; Gabler 1955; Gillanders 1906, 1908; Grandi 1951; Györfi 1957; Hadorn 1933; Helmbacher 1924; Hennings 1908b, 1908c: 218; Henschel 1876a: 240, 1895a: 167; Hess 1898: 360; Hess & Beck 1914: 265, 1927: 321; Inouye 1954: 171; Inouye et al. 1954: 129, 1955: 58; Joly 1949a: 7, 1976b; Judeich & Nitsche 1895: 526; Kalandra 1948: 107–116; Kalina 1970: 123; Karpinski & Strawinski 1948: 155; Kraemer 1950b: 384; Kurenzov 1935a: 20; Lengerken 1939: 39, 1954: 82; Maksymov 1950: 502; Masutti 1964; Mizuno 1963; Nordlinger 1856: 29; Novak, V., Hrozinka, & Stary 1976: 69; Numberg 1929: 102; Nusslin 1898: 280, 1906b: 14, 1907: 613, 1913: 223, 1927: 300; Perris 1856a: 244; Pfeffer 1941b: 16; Postner 1974: 429; Prell 1931: 364; Ratzeburg 1837: 157, 1839: 197; Reh 1900a: 94; Rhumbler 1922: 299, 1927: 312; Ritchie 1919: 171; Rupertsberger 1880: 229; Schimitschek 1929: 83, 1930a: 326, 1955a: 43, 85; Schmidt 1881: 34; Schneider-Orelli 1947c: 94; Schwappach et al. 1929: 186; Schwerdtfeger 1944a: 182, 1957a: 188, 1981: 193; Sedlaczek 1900: 503, 1921: 335, 1935a: 163; Spessivtsev 1913a: 91; Stark 1952: 260; Strohmeier 1930: 2; Szujewski 1955: 242; Wachtl 1901: 381; Weber, H. 1926: 578; Wolff & Krausse 1922: 88. (**ds**) Acloque 1896; Allen, A. A. 1965b: 47; Ammann & Knabl 1923; Androic 1966: 48–49; Anonymous 1928c: 202; Arnoldi et al. 1955: 689; Arru, Covassi, & de Bellis 1966: 32; Andras & Schaefer 1957; Bach 1854: 136; Barthe 1896; Bau 1888; Baudisch 1899; Bedel 1888b: 398, 414; Beffa 1949; Bielz 1887;

- Blanchere & Robert 1889; Blatchley & Leng 1916: 606; Borcea 1924; Borchert 1951; Brakman 1966b: 206; Brancsik 1906; Bucking 1932; Buresh & Lazarov 1956; Capek et al. 1957; Cecconi 1897, 1906; Chamberlin 1939: 315; Chapuis & Candeze 1853; Charvat 1950; Cho 1955, 1957; Choo 1983: 74; Choo & Woo 1985: 165; Chorbazhiev 1924d, 1929; Crotch 1863; Eggers 1904; Endrodi 1958b; Escalera 1919; Fowler 1891; Fuchs 1904a, 1905a, 1905c: 339; Fuss 1874; Gabler 1949b; Gaubil 1849: 126; Gozis 1875: 80; Gredler 1866: 373, 1875: 115; Grune 1979: 105; Hagedorn 1910d: 44; Henschel 1895a: 167; Heyden 1879: 140; Heyden, Reitter, & Weise 1883: 181, 1891: 671, 1906: 711; Holdhaus & Deubel 1910: 145; Horion 1935, 1951; Hubault 1923b; Jacentkovsky 1933: 270, 1939: 76; Jazentkovsky 1912: 288; Joly 1949b: 253, 1976b; Judeich & Nitsche 1895: 526; Kailidis 1964a, 1966: 55, 1985; Kailidis & Georgevits 1972; Kailidis & Markalas 1988; Kaltenbach 1874: 685; Karpinski 1925: 216, 1926: 82, 1932a: 95, 1948b: 230; Karpinski & Strawinski 1948: 155; Keler 1925b: 272; Kestercanek 1881a: 12; Kiefer et al. 1942: 528; Kleine 1912a: 161, 263–264, 267, 1913a: 35, 1913b: 119, 1914b: 256, 1934a: 142; Kloft & Hinks 1945: 218; Knotek 1892a: 37, 1894a: 558; Ko 1969: 275; Kocher 1953: 133; Kono 1938b: 65; Kono & Tamanuki 1939: 88, 92–93; Kovacevic 1957: 67; Kraatz 1869: 59; Krivolutskaia 1983; Ku 1964; Kugela 1946a: 339; Kurenzov 1935a: 20; Kurir 1947c: 17; Lacordaire 1866: 379; Langhoffer 1915c: 157; Leng 1918: 211; Lokaj 1868: 64; Lomnicki 1913b: 148; Lucht 1987: 278; Marcu 1926c: 63; Matthews & Fowler 1883: 42; Michalski 1957: 164; Munro 1926: 4–77; Murayama 1929e: 44, 1930b: 7, 1949a: 12, 1949c: 101, 1950b: 1291, 1953a: 10, 1953c: 151, 1954a: 14, 1954b: 164; Negru 1966b: 402, 1968a: 456; Nobuchi 1966d: 24, 1985c: 14; Nunberg 1928b: 88, 105, 1954: 52, 1964a: 235; Nusslin 1898: 280; Orest 1926c: 63; Perris 1876a: 254, 1877a: 414; Pfeffer 1924a: 96, 1928b: 7, 1931b: 75, 1947d: 128, 1960: 345, 1989a: 81; Pierce, W. D. 1917: 69; Pittioni 1943: 175; Postner 1974: 429; Prossen 1913: 83; Rapp 1934: 727; Ratzeburg 1837: 157, 1839: 197; Redtenbacher 1858: 832, 1874: 376; Reitter 1869a: 154, 1888b: 280, 1889a: 94, 1894a: 70, 1916: 288, 350; Roubal 1941: 263; Sainte-Claire & Mequignon 1938: 445; Schaufuss 1915: 1231; Schaum 1859: 96, 1862: 101; Schedl 1959h: 100, 1964a, 1967c: 70, 1980a: 14, 1981b: 74; Scheerpeltz & Winkler 1930: 257; Schilsky 1909: 188; Schwerdtfeger 1981: 193; Seidl 1876: 4; Seidlitz 1891a: 562, 1891b: 607; Sharp & Fowler 1893: 34; Shiraki 1952: 501; Solla 1893: 217; Stark 1926b: 103, 1927b: 88, 1936e: 143, 1952: 260; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 439; Stierlin & Gautard 1871: 292, 1906: 205; Swaine 1909: 92; Szujecki 1955: 242; Thomson 1865: 359; Tredl 1907: 12; Wanka 1920: 202–213; Wichmann 1924: 15–17, 1927a: 67; Wilke 1931: 636; Winter, T. G. 1983: 8. **(tx)** Acloque 1896; Allen, A. A. 1965b; Bach 1854; Balachowsky 1949a: 16, 204, 206, 208; Barbey 1901: 10, 22, 69; Bedel 1888b: 398, 414; Beffa 1949, 1961; Bertolini 1872; Blatchley & Leng 1916: 606; Browne 1970: 552; Ceballos 1945; Chapuis & Candeze 1853; Chararas 1962c: 242; Charvat 1950; Choo 1983: 74; Chorbazhiev 1924d; Csiki 1910; Doebner 1860, 1862; Dombrowsky 1887; Duffy 1953; Eggers 1911a: 121, 1921: 39–40, 1926b: 136, 1940g: 37; Eichhoff 1864b: 35, 1876a: 379, 1878a: 378–379, 1878b: 122, 1881a: 45, 172–176, 1883a: 109, 132; Endrodi 1957b; Escherich 1923b: 462, 481, 611; Fauvel 1889; Ferrant 1911; Ferrari 1867a: 12, 15; Fleischer 1905, 1927; Formanek 1907: 34; Gabler 1949b, 1955; Gebien 1907: 197; Gillanders 1906, 1908; Grune 1979: 104–105; Hagedorn 1910a: 87; Hasek 1961: 5; Henschel 1876a: 240, 1878a, 1895a: 167; Hopkins 1914: 130, 1915b: 39; Iablokoff-Khnzorian 1961: 157; Inouye & Nobuchi 1957a: 52; Joly 1976, 1976b; Judeich & Nitsche 1895: 526; Kailidis 1966a; Kalina 1970: 124; Karpinski 1949: 129; Karpinski & Strawinski 1948: 155; Kauna 1970: 278; Knotek 1892a: 37; Koch 1913: 95; Kuhn 1913: 1055; Lacordaire 1866: 379; Letzner 1891: 375; Lucht 1987: 278; Murayama 1950b: 1291, 1953a: 10, 1954b: 164; Negru 1966b: 402; Niisima 1908a: 90, 1909: 141, 1910a: 8, 1929: 376–381; Nobuchi 1966d: 24, pl. 3; Nordlinger 1848: 244, 1856: 29; Novak, V., Hrozinka, & Sary 1976: 69; Nunberg 1928a: 140, 1930: 200–208, 1948a: 1–30, 1954: 52; Nusslin 1911a: 5, 255, 277, 337, 378; Perris 1877a: 414; Pfeffer 1932b: 17, 1941b: 16, 1955a: 176, 1989a: pl. 6; Portevin 1935: 324; Postner 1974: 429; Quaschik 1953: 35; Ratzeburg 1837: 157, 163, 1839: 197; Redtenbacher 1849a: 791, 1849b: 26, 1858: 832, 1874: 376; Reitter 1889a: 94, 1894a: 70, 1913a: 66, 1916: 288, 350; Rhumbler 1922: 299, 1927: 312; Rupertsberger 1880: 229; Schedl 1934f: 1639, 1952f: 87, 1980a: 14, 1981b: 74; Scherb 1971; Schimitschek 1936a: 565–602, 1937b: 1–25, 1937c: 52, 1955c: 82; Seidlitz 1891a: 562, 1891b: 607; Spessivtsev 1913a: 91, 1931: 49, 1936: 143; Stark 1952: 260; Stierlin 1898: 439; Swaine 1909: 92–93; Thomson 1865: 359; Wood, S. L. 1954a: 1002–1004. **(ms)** Chararas 1959d; Fankhauser 1885: 185; Mizuno 1963; Reh 1900a: 94; Ritter 1929: 555; Schimitschek 1955b: 102; Sedlaczek 1936: 200; Sinreich 1962. *hattorii* Kono 1938b: 67. Holotype, sex?; Nukahira; Kono Collection. Synonymy: Inouye & Nobuchi 1957a: 52. References: **(cn)** Inouye & Yamaguchi 1955a: 235. **(ec)** Inouye & Yamaguchi 1955a: 235. **(ds)** Kono 1938b: 65, 67–68; Murayama 1954b: 199. **(tx)** Inouye & Nobuchi 1957a: 52; Kono 1938b: 65, 67–68; Murayama 1954b: 199.

- subdepressus* Eggers 1940g: 37. Holotype, sex?; Kleinasien (Ayancik); Eggers Collection, in NHMW, Wien. Synonymy: Wood 1992a: 89. References: **(cn)** Schimitschek 1944: 172. **(ec)** Schimitschek 1941a: 305. **(hb)** Schimitschek 1944: 172. **(tx)** Eggers 1940g: 37–38; Schedl 1979c: 241; Wood, S. L. 1992a: 89.
- piceus** Eggers 1926b: 136. Lectotype, sex?; Hokkaido (Jozankei); USNM, Washington, designated by Anderson & Anderson 1971: 25. Figures: Tsai & Li 1959: 88. Distribution: Asia (Heilongjiang in China/ N Japan/ Sakhalin Island, Siberia in E USSR). Hosts: *Picea excelsa*, *P. glehnii*, *P. jezoensis*, *P. obovata*, *Pinus koraiensis*, *P. montana*. References: **(cn)** Anonymous 1980g; Inouye 1955; Inouye & Yamaguchi 1955a: 235; Kurenzov 1935c: 187, 1950a: 6, 1956a: 90, 1956b: 29. **(ec)** Inouye & Yamaguchi 1955a: 235; Kono & Watanabe 1935: 69; Kurenzov 1934a: 57; Nishiguchi 1960c: 64–73. **(hb)** Inouye, Koizumi, & Takai 1954: 129; Krivolutsкая 1956: 832, 1973: 134; Kurenzov 1935a: 32, 1948b: 109, 1950d: 146; Lunardoni & Leonardi 1889: 457; Munro 1926: 60. **(ds)** Anonymous 1980g; Krivolutsкая 1956: 832, 1965a: 232, 1973: 134; Kurenzov 1934a: 57, 1935a: 32, 1935c: 187, 1936a: 111, 1936b: 351, 1938a: 59, 1957b: 17, 1965; Lunardoni & Leonardi 1889: 457; Murayama 1951c: 4, 1954b: 199; Stark 1936e: 144, 1952: 268; Tsai & Li 1963: 603; Yin, Huang, & Li 1984: 108. **(tx)** Anderson, W. H. & Anderson 1971: 25; Beeson 1935: 107; Eggers 1926b: 136, 1942c: 29; Inouye & Nobuchi 1957a: 53; Koch 1932: 147; Krivolutsкая 1956: 832, 1958: 142; Kurenzov 1941a: 146–147, 1948b: 109, 1950: 146; Lunardoni & Leonardi 1889: 457; Murayama 1954b: 199, 1958: 934; Schedl 1934f: 1639, 1979c: 193; Stark 1936e: 144, 151, 1952: 268; Tsai & Li 1959: 88, 1963: 605; Yin, Huang, & Li 1984: 108.
- pilifer** Eggers 1927b: 394. Syntypes 1 ♂, 1 ♀; Sumatra (Si Rambe); MCG, Genova, and 1 in Eggers Collection, in NHMW, Wien. Distribution: Indonesia (Sumatra). References: **(tx)** Eggers 1927b: 394; Schedl 1979c: 193.
- pilosellus** Erichson 1842: 212. Holotype, sex?; Vandiemensland; MNB, Berlin. Distribution: Australia (Tasmania). Hosts: *Bursaria spinosa*. Notes: (3) Eichhoff 1878b: 135 (re-described). References: **(ds)** Brimblecombe 1953: 17; Gemminger & Harold 1872: 2683; Hagedorn 1910d: 44; Kleine 1913b: 119, 1914b: 299. **(tx)** Eichhoff 1878b: 135; Erichson 1842: 212; Ferrari 1867a: 17; Hagedorn 1910a: 87; Lea 1910a: 143; Schedl 1936g: 527; 1943b: 36.
- pilosulus** Browne 1980b: 385. Holotype, sex?; Kimi (New Guinea) to Yatsushiro (Japan), imported; BMNH, London. Distribution: New Guinea. References: **(tx)** Browne 1980b: 385.
- pilosus** Tsai & Li 1963: 606, 617, 624. Holotype, sex?; Ssichuan, China; IZAS, Beijing. Figures: Tsai & Li 1963: 616–617, Yin, Huang, & Li 1984: 115 (adult). Distribution: Asia (Sichuan in China). Hosts: *Abies faxoniana*. References: **(tx)** Tsai & Li 1963: 606, 616–617, 624; Yin, Huang, & Li 1984: 114.
- planicollis** Schedl 1978d: 74. Holotype, sex?; Neukaledonien, Col. d'Amieu; Schedl Collection in NHMW, Wien. Distribution: New Caledonia Island. References: **(tx)** Schedl 1978d: 74.
- premayaensis** Murayama 1943b: 97. Holotype ♂; Premaya, dans le grand Khingan, Manchuria; Murayama Collection in USNM, Washington. Distribution: Asia ("Manchuria" in China). Hosts: *Larix gmelini*. References: **(ds)** Murayama 1943b: 97. **(tx)** Murayama 1943b: 97.
- procerus** Schedl 1953c: 296. Holotype, sex?; Sumatra, Post de Kock, 920 m; Schedl Collection in NHMW, Wien. Distribution: Indonesia (Sumatra). Notes: (3) Schedl 1953c: 296 (*sumatranus* Eggers, nomen nudum, synonymy). References: **(tx)** Schedl 1953c: 296, 1979c: 199.
- pruni** Eggers 1929c: 11. Holotype, sex?; Ussuri; USNM, Washington. Distribution: Asia (Yunnan in China/ Sakhalin Island, Siberia in E USSR). Hosts: *Prunus triloba*. References: **(cn)** Kurenzov 1935c: 189. **(ec)** Kurenzov 1934a: 50. **(hb)** Kurenzov 1935a: 19, 31, 1948b: 121; Stark 1952: 270. **(ds)** Kleine 1934a: 142; Krivolutsкая 1958: 144, 1983; Krivolutsкая & Kupyanskaya 1970; Kurenzov 1934a: 50, 1935a: 19, 31, 1935c: 189, 1936a: 110, 1936b: 350; Stark 1936e: 144, 1952: 270. **(tx)** Anderson, W. H. & Anderson 1971: 26; Eggers 1929c: 11; Kurenzov 1941a: 41, 146–149, 154, 1948b: 121; Schedl 1934f: 1639, 1979c: 200; Stark 1936e: 144, 151, 1942: 270.
- pseudochinlingensis** Tsai & Li 1963: 605, 610, 623. Holotype ♂; Shenhsi (Hsze Chuan), China. Distribution: Asia (Shanxi in China). Hosts: *Pinus armandi*, *P. tabulaeformis*. References: **(hb)** Yang 1989c. **(ds)** Yin, Huang, & Li 1984: 110. **(tx)** Tsai & Li 1963: 605, 610, 623; Yin, Huang, & Li 1984: 110.
- pseudotabulaeformis** Tsai & Li 1963: 605, 613, 623. Holotype ♂; Shenhsi (Li Ping), China; IZAS, Beijing.

- Distribution: Asia (Sichuan in China).
 Hosts: *Pinus tabulaeformis*.
 References: (**ds**) Yin, Huang, & Li 1984: 110 (**tx**) Tsai & Li 1963: 599, 605, 613, 623–624; Yin, Huang, & Li 1984: 110.
- puberulus** Schedl 1942c: 171. Lectotype ♀: Australien, Queensland, Imbil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 202. Distribution: Australia (Queensland).
 Hosts: *Grevillea robusta*.
 References: (**tx**) Schedl 1942c: 171, 1979c: 202
- pubescens** Hopkins 1915b: 39–40. Holotype ♀: Port Williams, Washington [USA]; USNM, Washington.
 Figures: Bright & Stark 1973: 157 (adult).
 Distribution: North America (British Columbia in Canada/ California, Oregon, Washington in USA).
 Hosts: *Abies grandis*, *Picea sitchensis*, *Pinus lambertiana*, *Pseudotsuga menziesii*, *Sequoia sempervirens*.
 References: (**bv**) Daterman, Rudinsky, & Nagel 1965. (**cn**) Doane et al. 1936; Hopkins 1904c: 16; Swaine 1918a: 87. (**ec**) Deyrup & Gara 1978: 274; Kinn 1971; Marsh 1979: 150, 158. (**hb**) Bright & Stark 1973: 67; Chamberlin 1939: 314, 1958: 133; Daterman, Rudinsky, & Nagel 1965; DeLeon 1952: 78; Doane et al. 1936; Hopkins 1904a: 16; Swaine 1918a: 87; Wood, S. L. 1953: 84, 1954a: 1003. (**ds**) Bright 1976d: 112; Bright & Stark 1973: 67; Chamberlin 1925, 1939: 314, 1958: 133; DeLeon 1952; Furniss, R. L. & Carolin 1977: 377; Keen 1929a: 29; Kleine 1934a: 142; Patterson & Hatch 1945: 152; Wood, S. L. 1972a: 415, 1982b: 867. (**tx**) Bright 1976d: 112; Bright & Stark 1973: 157; Chamberlin 1939: 314, 1958: 133; Hopkins 1915b: 39–40; Keen 1929a: 29; Swaine 1918a: 87–88; Wood, S. L. 1953: 84, 1954a: 959–960, 1002–1003, 1972a: 415, 1982b: 867.
- subconcentrals** Hopkins 1915b: 39–40. Holotype ♀: Astoria, Oregon [USA]; USNM, Washington. Synonymy: Wood 1954a: 1003.
 References: (**cn**) Doane et al. 1936; Swaine 1918a: 87–88. (**hb**) Chamberlin 1939: 313; Doane et al. 1936; Swaine 1918a: 87–88. (**ds**) Chamberlin 1917, 1925, 1939: 313; Hopping 1922; Keen 1929a: 29, 1934a: 142. (**tx**) Chamberlin 1939: 313; Hopkins 1915b: 39–40; Keen 1929a: 29; Swaine 1918a: 87–88; Wood, S. L. 1954a: 959, 979, 1003.
- pulchellus** (Nobuchi) 1975: 54 (*Taenioglyptes*). Holotype, sex?; Higashikawa, Nara pref., Japan; Nobuchi Collection, Ibaraki.
 Figures: Nobuchi 1975: pl. 2, fig. 17.
 Distribution: Asia (Japan).
 Hosts: *Aesculus turbinata*.
 References: (**ds**) Nobuchi 1985c: 15. (**tx**) Nobuchi 1975: 54.
- punctatostratus** Schedl 1942a: 175. Holotype, sex?; Singapur; Schedl Collection in NHMW, Wien.
- Distribution: Asia (Singapore in Malaya).
 References: (**ds**) Browne 1961c: 69. (**tx**) Schedl 1942a: 175, 1953c: 296, 1979c: 204.
- punctatus** Browne 1984: 66. Holotype, sex?; New Guinea: Morobe District, Wau, Kunai Creek; BMNH, London.
 Distribution: New Guinea.
 References: (**ds**) Browne 1984c: 66.
- punctipennis** Schedl 1942c: 169. Holotype, sex?; Australien, Queensland; Schedl Collection in NHMW, Wien.
 Distribution: Australia (Queensland).
 References: (**tx**) Schedl 1942c: 169, 1979c: 205.
- pusillimus** Schedl 1942c: 171. Holotype, sex?; New Guinea; Schedl Collection in NHMW, Wien.
 Distribution: New Guinea.
 References: (**tx**) Schedl 1942c: 171, 1979c: 206.
- pusillus** Schedl 1943b: 38. Holotype, sex?; Port Banga, Mindanao, Philippinen; Schedl Collection in NHMW, Wien.
 Distribution: Philippine Islands (Mindanao).
 References: (**ds**) Schedl 1966b: 22. (**tx**) Nobuchi 1983: 300; Schedl 1943b: 38, 1951i: 50, 1979c: 206.
- redikorzevi** Berger 1916: 232. Holotype ♀; S. Ussuri Terr., Sedanka; not located.
 Figures: Yin, Huang, & Li 1984: 100 (adult).
 Distribution: Asia (Sichuan in China/ Sakhalin Island, Siberia in E USSR).
 Hosts: *Abies fabri*, *A. holophylla*.
 References: (**cn**) Kurenzov 1935c: 191. (**ec**) Kurenzov 1934a: 51. (**hb**) Krivolutskaya 1956: 838; Kurenzov 1935a: 19, 32, 1948b: 102, 1950d: 144; Stark 1952: 257. (**ds**) Kleine 1934a: 142; Krivolutskaya 1956: 838, 1983; Kurenzov 1934a: 51, 1935a: 19, 32, 1935c: 191, 1936b: 350; Stark 1936e: 142, 1952: 257; Tsai & Li 1963; Yin, Huang, & Li 1984: 100. (**tx**) Berger 1916: 232; Eggers 1921: 39–40; Krivolutskaya 1956: 838, 1958: 142; Kurenzov 1941a: 149–150, 154, 1948b: 102, 1950: 144, 152; Michalski 1969a: 892, 1969b: 567; Schedl 1934f: 1639, 1952: 257; Sokanovskii 1954: 16; Stark 1936e: 142, 1952: 257; Tsai & Li 1963: 604, 622; Yin, Huang, & Li 1984: 100.
- resiniferi** Schedl 1943b: 36. Lectotype ♀; Benquet, Mt. Sta. Tomas (Philippines); Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 210. Distribution: Philippine Islands (Luzon).
 Hosts: *Pittosporum resiniferum*.
 References: (**ds**) Schedl 1966b: 22. (**tx**) Nobuchi 1983: 300; Schedl 1943b: 36, 1954a: 148, 1979c: 210.
- rhysi** Niisima 1909: 145. Holotype, sex?; Chitose in der Prov. Ishikari; Nobuchi Collection, Ibaraki.
 Distribution: Asia (Japan).
 Hosts: *Rhus toxicodendron* var. *radicans*.
 References: (**ds**) Kleine 1913b: 119, 1914b: 251, 1934a: 142; Murayama 1954b: 164, 1955: 103; Nobuchi 1985c: 15. (**tx**) Hagedorn 1910a: 88;

Murayama 1954b: 164, 1955: 103; Niisima 1909: 145; Schedl 1934f: 1639.

robustus Eichhoff 1872a: 131. Syntypes 5, sex?; Amer. bor. (?), Eichhoff 1878b: 122 gives America septentrionalis; IRSNB, Brussels.

Distribution: America septentrionalis (?).

Notes: The syntypes resemble *Hypocryphalus mangiferae* and are either that species or they were mislabeled or represent an interception. They were apparently among Dejean material with only a blank disk to indicate origin.

References: (**ds**) Gemminger & Harold 1872: 2683; Hagedorn 1910d: 44–45; Kleine 1913b: 119; Swaine 1909: 93. (**tx**) Eichhoff 1872a: 131, 1878b: 121; Hagedorn 1910a: 87; LeConte 1876: 362; Swaine 1909: 93.

rubentis Hopkins 1915b: 39–40. Holotype ♀; Pocahontas Co., West Virginia [USA]; USNM, Washington.

Distribution: North America (North Carolina, Pennsylvania, West Virginia in USA).

Hosts: *Picea rubens*.

References: (**cn**) Blackman 1950; Doane et al. 1936; Hopkins 1904a: 24. (**hb**) Baker, W. L. 1972: 259; Blackman 1950; Chamberlin 1939: 313; Doane et al. 1936; Hopkins 1904a: 24; Wood, S. L. 1953: 87, 1954a: 1004. (**ds**) Baker, W. L. 1972: 259; Blackman 1950; Blatchley & Leng 1916: 606; Chamberlin 1925, 1939: 313; Drooz 1985: 363; Kleine 1934a: 142; Wood, S. L. 1982b: 869. (**tx**) Blackman 1922c: 126–128; Blatchley & Leng 1916: 606; Chamberlin 1939: 313; Hopkins 1915b: 39–40; Wood, S. L. 1953: 87, 1954a: 959, 979, 1004, 1982b: 869.

ruficollis Hopkins 1915b: 39–40. Holotype ♀; Alta, Utah [USA]; USNM, Washington.

Figures: Bright 1976d: 202, 210, Kusch 1967: 10.

Distribution: North America (Alaska/ Alberta, British Columbia, Manitoba, New Brunswick, Newfoundland, Nova Scotia, Ontario, Prince Edward Island, Quebec in Canada/ Nuevo Leon in Mexico/ Arizona/ California/ Colorado/ Idaho/ Maine/ Montana/ New Mexico/ New York/ Oregon/ Utah/ Washington/ Wyoming in USA).

Hosts: *Abies amabilis*, *A. balsamea*, *A. fraseri*, *A. grandis*, *A. magnifica*, *A. lasiocarpa*, *Picea engelmannii*, *P. glauca*, *P. rubens*, *Pseudotsuga menziesii*.

References: (**bv**) Furniss, M. M., Baker, & Hostetler 1976: 1300. (**cn**) Beckwith 1972; Dewey & Clinton 1980; Hopkins 1904a: 24; Smith, G. J. & Melvin 1974a, 1974b. (**ec**) Hertert, Miller, & Partridge 1975: 201; Tomalak, Welsh, & Garroway 1989b; Werner & Holsten 1984. (**hb**) Baker, W. L. 1972: 259; Bright & Stark 1973: 68; Chamberlin 1939: 314, 1958: 133–134; Hopkins 1904a: 24; Wood, S. L. 1953: 92, 1954a: 1005, 1982b: 870. (**ds**) Baker, W. L. 1972: 256; Beckwith 1972a; Bright 1971a: 125, 1976d: 113;

Bright & Stark 1973: 68; Chamberlin 1939: 314, 1958: 133–134; Drooz 1985: 363; Elias 1982c, 1985: 39; Evans, D., Lowe, & Hunt 1978; Furniss, M. M. 1978; Furniss, R. L. & Carolin 1977: 377; Gast et al. 1989: 385; Gautreau & Melvin 1974: 14; Hertert, Miller, & Partridge 1975: 201; Kusch 1967; Miller, R. F. & Morgan 1982; Miller, R. F., Morgan, & Hicock 1985: 500; Morgan, A. V. & Morgan 1980; Smith, G. J. & Melvin 1974a, 1974b; Still, Tidsbury, & Melvin 1974a: 14; Werner & Holsten 1984; Wood, S. L. 1948: 41, 1972a: 415, 1982b: 870. (**tx**) Beckwith 1972, 1972a; Bright 1976d: 113, 202, 210; Chamberlin 1939: 314, 1958: 133–134; Hopkins 1915b: 39–41; Kusch 1967: 10; Wood, S. L. 1953: 92, 1954a: 960, 1005, 1972a: 415, 1977d: 512, 1982b: 870, 1989: 171.

approximatus Hopkins 1915b: 40. Holotype ♀; Sandpoint, Idaho [USA]; USNM, Washington. Synonymy: Wood 1954a: 1005.

References: (**cn**) Doane et al. 1936; Swaine 1918a: 87. (**hb**) Chamberlin 1939: 315; Doane et al. 1936; Swaine 1918a: 87. (**ds**) Chamberlin 1925, 1939: 315; Keen 1929a: 29; Kleine 1934a: 142; Wood, S. L. 1951a: 128. (**tx**) Chamberlin 1939: 315; Hopkins 1915b: 40–41; Keen 1929a: 29; Swaine 1918a: 87; Wood, S. L. 1954a: 959, 1005.

fraseri Hopkins 1915b: 40–41. Holotype ♀; Pisgah Ridge, North Carolina [USA]; USNM, Washington. Synonymy: Wood 1989: 171.

References: (**cn**) Blackman 1950; Doane et al. 1936; Lindquist, O. H. & Syme 1981: 106. (**hb**) Baker, W. L. 1972: 259; Beal & Massey 1945: 119–120; Blackman 1950; Chamberlin 1939: 313; Doane et al. 1936; Wood, S. L. 1954a: 110, 1982b: 869. (**ds**) Amman 1969a; Baker, W. L. 1972: 259; Beal & Massey 1945: 119–120; Blackman 1950; Blatchley & Leng 1916: 607; Chamberlin 1925, 1939: 313; Drooz 1985: 363; Kleine 1934a: 142; Lindquist, O. H. & Syme 1981: 106; Wood, S. L. 1982b: 869. (**tx**) Beal & Massey 1945: 119–120; Blatchley & Leng 1916: 607; Chamberlin 1939: 313; Hopkins 1915b: 39–41; Lindquist, O. H. & Syme 1981: 106; Wood, S. L. 1954a: 960, 1010, 1982b: 869, 1989: 171.

balsameus Hopkins 1915b: 40. Holotype ♀; Camp Caribou, Maine [USA]; USNM, Washington. Synonymy: Wood 1954a: 1010.

References: (**bv**) Hosking & Knight 1975. (**cn**) Blackman 1919: 148, 1950; Doane et al. 1936; Swaine 1918a: 87, 89. (**ec**) Felt 1906: 673. (**hb**) Blackman 1950; Chamberlin 1939: 313; Doane et al. 1936; Felt 1906: 673; Swaine 1918a: 87, 89. (**ds**) Anonymous 1926c: 518; Beaulne 1956; Blackman 1950; Blatchley & Leng 1916: 607; Chamberlin 1925, 1939: 313; Dodge 1938: 15, 39; Hatch 1924; Kleine 1934a: 142; Leonard 1928: 518. (**tx**) Blackman

- 1922c: 126–128; Blatchley & Leng 1916: 607; Chamberlin 1939: 313; Dodge 1938; Hopkins 1915b: 40–41; Swaine 1918a: 87, 89; Titus, Meikle, & Harrison 1985: 51; Wood, S. L. 1954a: 101.
- grandis* Chamberlin 1917: 323. Lectotype ♀: Corvallis, Oregon [USA]; CNCI, Ottawa, designated by Bright 1967c: 681. Synonymy: Wood 1954a: 1005.
- References: (cn) Doane et al. 1936. (hb) Chamberlin 1939: 315; Doane et al. 1936. (ds) Chamberlin 1917: 323, 1925, 1939: 315; Keen 1929a: 29; Kleine 1934a: 142. (tx) Bright 1967c: 681; Chamberlin 1917: 323, 1939: 315; Keen 1929a: 29; Wood, S. L. 1954a: 1005.
- amabilis* Chamberlin 1917: 321. Lectotype ♀; Elk Lake, Oregon [USA]; CNCI, Ottawa, designated by Bright 1967c: 681. Synonymy: Wood 1954a: 1005.
- References: (cn) Chamberlin 1924; Doane et al. 1936. (ec) Chamberlin 1918a; Schedl 1958d: 190. (hb) Chamberlin 1939: 312, 1958: 134; Doane et al. 1936; Wood, S. L. 1954a: 1008. (ds) Chamberlin 1917, 1918a: 13, 1925, 1939: 312, 1958: 134; Keen 1929a: 29; Kleine 1934a: 142; Patterson & Hatch 1945: 152. (tx) Bright 1967c: 681; Chamberlin 1917: 321–322, 1939: 312, 1958: 134; Keen 1929a: 29; de Ruette 1970: 99; Wood, S. L. 1954a: 959, 1002, 1005, 1008, 1977d: 512.
- canadensis* Chamberlin 1918: 88. Holotype ♀; Roger's Pass, British Columbia [Canada]; CNCI, Ottawa. Synonymy: Wood 1954a: 1006.
- References: (cn) Swaine 1918a: 87–88. (hb) Chamberlin 1939: 314; Swaine 1918a: 87–88. (ds) Chamberlin 1939: 314; Hopping 1922; Keen 1929a: 29; Kleine 1934a: 142. (tx) Chamberlin 1918: 87–88, 1939: 314; Keen 1929a: 29; de Ruette 1970: 99; Swaine 1918a: 87–88; Wood, S. L. 1954a: 1006.
- mainensis* Blackman 1922c: 126. Holotype ♀; Orono, Maine [USA]; USNM, Washington. Synonymy: Wood 1954a: 1006.
- References: (cn) Blackman 1950; Doane et al. 1936. (hb) Blackman 1950; Chamberlin 1939: 314; Doane et al. 1936. (ds) Anonymous 1926c: 518; Blackman 1922e: 126, 1950; Chamberlin 1925, 1939: 314; Leng & Mutchler 1927: 52; Leonard 1928: 518. (tx) Blackman 1922c: 126; Chamberlin 1939: 314; de Ruette 1970: 100; Schedl 1979c: 145; Wood, S. L. 1954a: 960, 1005.
- ruficollis coloradensis* Wood 1954a: 1008. Holotype ♀; 7 miles N Grand Canyon National Park, Arizona [USA]; SMUK, Lawrence. Synonymy: Wood, S. L. 1977d: 512.
- Notes: (3) This is an indistinct geographical race that probably does not warrant subspecies recognition.
- References: (hb) Wood, S. L. 1954a: 1008. (tx) Wood, S. L. 1954a: 1008, 1977d: 512.
- rufopilosus* Schedl 1942a: 174. Lectotype, sex?; Celebes; Schedl Collection in NHMW, Wien.
- Distribution: Indonesia (Celebes).
- References: (tx) Schedl 1942a: 174, 1979c: 215.
- rugosus* (Schedl) 1958b: 102 (*Ericryphalus*). Lectotype, sex?; Malaya, Selangor, Kepong; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 216–217.
- Distribution: Asia (Malaya).
- Hosts: *Shorca gysbertsiana*.
- References: (ds) Browne 1961c: 70. (tx) Schedl 1958b: 102, 1979c: 216–217.
- saltuarius* Weise 1891: 336. Syntypes?, sex?; Caucasus; not located.
- Figures: Grune 1979: 106. Yin, Huang, & Li 1984: 103 (adult).
- Distribution: Asia (Sichuan in China/ E USSR), Europe (Austria/ Bulgaria/ Czechoslovakia/ Denmark/ Finland/ Germany/ Hungary/ Italy/ Poland/ Sweden/ W USSR/ Yugoslavia).
- Hosts: *Picca asperata*, *P. excelsa*, *P. obovata*, *P. orientalis*.
- References: (ay) Escherich 1923b: 481, 597; Nusslin 1911a: 51. (bv) Grune 1979: 107; Nuorteva 1956c: 17; Nuorteva & Nuorteva 1968. (cn) Chorbazdzhevo 1929; Escherich 1923b: 481, 616; Esterberg 1959; Gabler 1955; Juutinen 1960: 24; Kailidis & Georgevits 1972; Koch 1913: 95; Kozikowsky 1929: 254; Kurenzov 1935c: 188; Marcu 1926c: 63; Nestertschuk 1930: 176; Nosek 1951: 106, 1952b: 98; Nuorteva & Nuorteva 1968; Nusslin 1913: 257; Pfeffer 1949b: 147, 150, 1950c: 2; Pierce, W. D. 1917: 69; Rhumbler 1927: 312; Saalas 1949: 342, 372; Schimitschek 1937c: 52, 1955c: 82; Schwerdtfeger 1944a: 180; Tragardh 1938a: 12; Wachtl 1901: 381; Wardle 1929: 322. (ec) Annila 1977; Borodin 1967b; Heqvist 1963: 153; Kangas 1946b: 22; Karpinski 1932a: 103; Kleime 1908c: 186, 1944: 74; Kraemer 1950b: 379; Kurenzov 1934a: 54; Lundberg 1984; Nosek 1951: 106, 1952b: 98; Nuorteva 1956a: 17, 1957b: 68, 1968a, 1970, 1971; Nuorteva & Nuorteva 1968; Nusslin 1927: 300; Palmen 1946: 194; Pfeffer 1923a: 331, 1932a: 16, 1949b: 147, 150, 1950c: 2, 1959: 5; Rhumbler 1922: 299; Ruhm 1955c: 176, 1956b: 3; Saalas 1917a: 18, 1928: 652, 1949: 342, 372; Schwerdtfeger 1944a: 180; Wichmann 1959: 412. (hb) Annila 1977; Beffa 1949; Charvat 1950; Chorbazdzhevo 1929; Escherich 1923b: 481, 616; Gabler 1955; Gornostaev 1916: 314; Karpinski & Strawinski 1948: 155; Knotek 1899b: 1, 1901: 565; Kraemer 1950b: 379; Kurenzov 1935a: 20, 32, 1948b: 110; Lengerken 1939: 63; Lindberg 1963: 243; Nuorteva 1956c: 17, 1968a, 1970; Nusslin 1898: 280, 1913: 257, 1927: 300; Pfeffer 1941c: 5; Postner 1974: 430; Rhumbler 1922: 299, 1927: 312; Saalas

- 1913a: 69, 82, 1949: 342, 372; Schwerdtfeger 1944a: 180, 1981: 192; Spessivtsev 1923: 207, 1928a: 221; Stark 1952: 267; Tragardh 1939b: 158, 199; Tschorbadjiev 1929: 166; Wachtl 1901: 381. **(ds)** Bakke & Kvamme 1977; Beffa 1949; Borchert 1951; Brakman 1966b: 206; Bucking 1932; Buresh & Lazarov 1956; Butovitsch & Heqvist 1947; Charvat 1950; Chorbadzhievo 1924d, 1929; Eggers 1904; Endrodi 1958b; Escherich 1923b: 481, 597, 1932b; Esterberg 1959; Florov 1949: 84; Fuchs 1905a; Gornostaev 1917; Grune 1979: 107; Hagedorn 1910a: 45; Hansen, V. 1939, 1956; Hellen 1947; Heliessen 1916: 84; Herger 1985c: 91; Heyden, Reitter, & Weise 1891: 671, 1906: 711; Holdhaus & Deubel 1910: 160; Horion 1951; Kailidis & Georgevits 1972; Karpinski 1932a: 103, 1948a: 173, 1948b: 230; Karpinski & Strawinski 1948: 155; Kiefer et al. 1942: 528; Klefbeck & Sjoberg 1960: 230–231; Kleine 1912a: 263, 1913a: 35, 1913b: 119, 1934a: 142; Knotek 1899b: 1, 1901: 565; Krivolutskaya 1983; Kurenzov 1934a: 54, 1935a: 20, 32, 1935c: 188; Langhoffer 1915c: 157; Lindberg & Saris 1952: 59; Lomnicki 1913b: 148; Lucht 1987: 278; Lundberg 1974: 92; Marcu 1926c: 63; Munster 1928: 289; Numberg 1928b: 85, 105, 1954: 52; Nuorteva 1971: 67; Nusslin 1898: 280; Orest 1926c: 63; Palm 1946: 122; Palmen 1946: 194; Pfeffer 1924b: 471, 1931b: 75, 1947e: 5, 1950b: 75, 1989a: 82; Pierce, W. D. 1917: 69; Pittioni 1943: 176; Platonoff 1943: 141; Postner 1974: 430; Prossen 1913: 83; Rapp 1934: 727; Reitter 1894a: 70, 1916: 288; Roubal 1941: 263; Saalas 1913a: 69, 82, 1917a: 18, 1919: 1–415, 1931: 68; Schaufuss 1915: 1231; Schedl 1967c: 70, 1980a: 15, 1981b: 74; Schilsky 1909: 188; Schwerdtfeger 1981: 192; Stark 1926d: 103, 1926j: 126, 1931a: 25, 1931d: 546, 1936e: 144, 1952: 267; Strand 1946: 599; Tragardh 1938: 10–14, 1939b: 158, 199; Tredl 1907: 12; Tsai & Li 1963: 602; Tschorbadjiev 1929: 166; Wegelius 1960: 106; Wichmann 1927a: 67; Wood, S. L. 1982b: 74; Yanovskii & Tegshzhargal 1985: 415; Yin, Huang, & Li 1984: 103; Zinovjev 1955: 187. **(tx)** Beeson 1941 (1961: 287); Beffa 1949; Charvat 1950; Chorbadzhievo 1924d; Eggers 1914: 188; Endrodi 1957a: 307, 1957b; Escherich 1923b: 481, 597; Fleischer 1927; Formanek 1907: 35; Gabler 1955; Grune 1979: 106–107; Hagedorn 1910a: 88; Hansen, V. 1956; Inouye & Nobuchi 1957a: 49; Kalina 1970: 125; Karpinski & Strawinski 1948: 155; Koch 1913: 95; Kurenzov 1941: 150–151, 1948b: 110; Lucht 1987: 278; Numberg 1954: 52; Nusslin 1911a: 51; Pfeffer 1932b: 17, 1941c: 5, 1947e: 5, 1955a: 178; Postner 1974: 430; Quaschik 1953: 35; Reitter 1894a: 70, 1913a: 67, 1916: 288; Rhumbler 1922: 299, 1927: 312; Saalas 1913a: 69, 82, 1916: 91–95, 110–116, 1949: 342, 372; Schedl 1934f: 1639, 1940d: 591, 1980a: 15, 1981b: 74; Schimitschek 1937c: 52, 1955c: 82; Sokanovskii 1929: 521–526; Spessivtsev 1922a: 472, 1923: 200–214, 1925a: 173, 1925b: 29, 1925d: 102–106, 1931: 49; Stark 1936e: 144, 1952: 267; Tsai & Li 1963: 605; Weise 1891: 336; Yin, Huang, & Li 1984: 103. **(ms)** Escherich 1932b; Kozikowsky 1929: 254; Wichmann 1959: 412, 1961: 332. *scriba* Gozis 1886: 31. Automatic.
- Notes: This was presented as a replacement name for *asperatus* Ratzeburg 1837: 163, a misidentification of *asperatus* Gyllenhal that never had standing in nomenclature.
- References: **(tx)** Gozis 1886: 31; Hagedorn 1910: 45; Saalas 1914: 304–306.
- samoensis** Beeson 1929: 224. Holotype ♂; Samoa, Upolu; Malololelei; BMNH, London.
- Distribution: Samoan Islands.
- Hosts: *Planchonella samoensis*.
- References: **(hb)** Beaver 1976b: 534; Beeson 1938b: 287. **(tx)** Beaver 1976b: 534; Beeson 1929: 224–226, 1935: 107, 1938b: 287; Schedl 1951k: 133.
- sarawakensis** Schedl 1972m: 199. Holotype, sex?; Borneo, Sarawak, Mt. Senrisoon, 3000 ft.; BMNH, London.
- Distribution: Indonesia (Sarawak in Borneo).
- References: **(tx)** Schedl 1972m: 199.
- savadai Nobuchi & Takahashi** 1965: 3. Holotype ♂; Shirotoge, Gunma pref.; Nobuchi Collection, Ibaraki.
- Figures: Nobuchi 1967.
- Distribution: Asia (Honshu in Japan).
- Hosts: *Abies veitchii*.
- References: **(ds)** Nobuchi 1985c: 15. **(tx)** Nobuchi 1967; Nobuchi & Takahashi 1965: 3.
- scabricollis** Eichhoff 1878b: 491. Holotype, sex?; Hindostan Asiae; Hamburg Museum, lost.
- Distribution: Asia (Bangladesh/ Burma/ Hainan Island, Yunnan in China/ Andaman Islands, Assam, Bengal, Bihar, Madhya Pradesh, Maharashtra, Punjab, Tamil Nadu, Uttar Pradesh in India/ Sri Lanka/ Vietnam), Philippine Islands (Luzon).
- Hosts: *Azelia bijuga*, *Albizia stipulata*, *Bassia latifolia*, *Bombax malabaricum*, *Buchanania lanzan*, *Canarium euphyllum*, *Excaecaria agallocha*, *Ficus* spp., *Garuga pinnata*, *Mesua ferrea*, *Odina wodier*.
- Notes: (3) Beeson 1941 (1961: 287) (*Ericryphalus ficus*, nomen nudum, synonymy), *Cryphalus flabellifer* Sampson, nomen nudum, is this species. Schedl Collection had male *mimicus* Schedl, nomen nudum, under this name.
- References: **(ds)** Bhasin, Roonwal, & Singh 1958; Hagedorn 1910d: 45; Kleine 1913b: 119, 1914b: 269, 1934a: 142; Schedl 1959a: 481. **(tx)** Eggers 1925: 152; Eichhoff 1878b: 491; Hagedorn 1910a: 88; Schedl 1958b: 100, 1959a: 481–482, 1962b: 186, 1975e: 446, 1979c: 220; Wood, S. L. 1989: 172, 1992b: 82.
- discretus** Eichhoff 1878b: 490. Holotype, sex?;

- Hindustan (Birma): Hamburg Museum, lost. Synonymy: Wood 1989: 172.
References: **(cn)** Roonwal 1954: 40. **(hb)** Beaver 1987a: 17; Beaver & Browne 1978: 584. **(ds)** Beaver 1987a: 17; Beaver & Browne 1978: 584; Beeson 1935: 107, 1961: 287; Browne 1961c: 69, 1984c: 449; Hagedorn 1910d: 41, 1913b: 118, 1914b: 278, 1934a: 142; Ohno, Yoshioka et al. 1988a: 91, 1989: 60; Roonwal 1954: 40. **(tx)** Eggers 1925: 152; Eichhoff 1878a: 385, 1878b: 490; Hagedorn 1910a: 86; Schedl 1958b: 99; Wood, S. L. 1989: 172.
- dilutus* Eichhoff 1878b: 490. Holotype, sex?; Hindostan (Birma); Dohrn Collection in Stettin Museum, now in Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 172.
References: **(ds)** Beaver & Browne 1975: 288; Browne 1980b: 380, 1984a: 150, 1985a: 191; Hagedorn 1910d: 41; Kleine 1913b: 118, 1914b: 278; Ohno, Yoshioka, et al. 1988a: 91, 1989: 60; Schedl 1960h: 104. **(tx)** Eggers 1925: 152; Eichhoff 1878a: 384, 1878b: 490; Hagedorn 1910a: 86; Nobuchi 1983: 300; Schedl 1960h: 104, 1979c: 81; Wood, S. L. 1989: 172.
- brevisetosus* Schedl 1943b: 36. Lectotype ♀; Baguio, Luzon, Philippinen; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 47. Synonymy: Wood 1992b: 82.
References: **(ds)** Schedl 1959a: 481, 1966b: 19. **(tx)** Nobuchi 1983: 300; Schedl 1942a: 174, 1943b: 36, 1952b: 367, 1955b: 288, 1959a: 481, 1979c: 47; Wood, S. L. 1992b: 82.
- scabripennis* Schedl 1972m: 199. Holotype, sex?; Borneo, Sarawak, Mt. Poi, 4350 ft.; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
References: **(tx)** Schedl 1972m: 199, 1979c: 220.
- scopiger* Berger 1917: 228. Lectotype ♂; S. Ussuri Terr., near Vladivostok; IZL, Leningrad, designated by Michalski 1969a: 892.
Figures: Yin, Huang, & Li 1984: 105 (adult).
Distribution: Asia (Heilongjiang in China/ Japan/ Korea/ Sakhalin Island, Siberia in E USSR).
Hosts: *Padus asiatica*, *P. pubescens*, *Prunus padus*.
References: **(cn)** Kurenzov 1935c: 189. **(ec)** Kurenzov 1934a: 50, 1951e: 66. **(hb)** Kurenzov 1935a: 19, 31, 1951e: 66; Stark 1952: 258. **(ds)** Krivolutsкая 1983; Krivolutsкая & Kupyanskaya 1970; Kurenzov 1934a: 50, 1935a: 19, 31, 1935c: 189, 1936a: 110, 1936b: 350, 1938a: 59; Nobuchi 1985c: 15; Stark 1936e: 143, 1952: 258. **(tx)** Berger 1916: 228; Eggers 1942c: 29–30; Kurenzov 1941a: 151–152, 157; Michalski 1969a: 892, 1969b: 567; Nobuchi 1964: 133, 1966e: 54; Schedl 1934f: 1639, 1962p: 203, 1979c: 222; Sokanovskii 1954: 16; Stark 1952: 258.
- padi* Krivolutsкая 1958: 144. Holotype, sex?; Sakhalin Island: Sakhalin region, Suai River valley; not located. Synonymy: Schedl 1962p: 203.
References: **(hb)** Krivolutsкая 1973: 135. **(ds)** Krivolutsкая 1965a: 234, 1973: 135; Tsai & Li 1963: 602; Yin, Huang, & Li 1984: 105. **(tx)** Krivolutsкая 1958: 144; Schedl 1962p: 203, 1979c: 182; Tsai & Li 1963: 605, 623; Yin, Huang, & Li 1984: 105.
- securus* (Schedl) 1940b: 436 (*Ericryphalus*). Holotype, sex?; Dutch New Guinea, Cyclops Mts., Sabron, Camp 1, 1200 ft.; BMNH, London.
Distribution: New Guinea.
References: **(tx)** Schedl 1940b: 435–437, 1962r: 106, 1979c: 223.
- sejugatus* Schedl 1965: 54. Holotype, sex?; Madagascar, Montagne d'Ambre, 1000 m; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
References: **(tx)** Schedl 1965c: 54, 1977a: 41, 1979c: 223.
- sichotensis* Kurenzov 1941a: 152. Syntypes, sex?; Kolumbe River (middle Sikhote-Alin), Soviet Far East; ISBN, Novosibirsk, USSR.
Distribution: Asia (Hokkaido in Japan/ Sakhalin Island, E USSR).
Hosts: *Picea jezoensis*.
Notes: (3) Sokanovskii 1954: 16 (a possible synonym of *fulvus* Niisima).
References: **(hb)** Stark 1952: 266. **(ds)** Arnoldi et al. 1955: 691; Krivolutsкая 1983; Kurenzov 1967; Stark 1952: 266. **(tx)** Kurenzov 1941a: 152–153; Sokanovskii 1954: 16; Stark 1952: 266.
- sidneyanus* (Nordlinger) 1856: 75 (*Bostrichus*). Holotype ♂; Australischen Holz; NHMW, Wien.
Distribution: Australia.
Notes: (3) Also cited under the generic name *Pseudocryphalus*.
References: **(ds)** Gemminger & Harold 1872: 2683; Hagedorn 1910d: 45; Kleine 1913b: 119, 1914b: 298. **(tx)** Eggers 1931c: 185; Eichhoff 1878b: 136; Ferrari 1867a: 17, 75, 1868: 252; Hagedorn 1910a: 88; Nordlinger 1856: 75.
- silvanus* Schedl 1951k: 145. Lectotype ♂; Samoa, Upolu, Apia, Falefa Falls, Tapatapao 800 ft., Afiamalu 2200 ft., Tutuila, Utulei 500 ft., Fagatogo 700 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 229.
Distribution: Samoan Islands.
References: **(tx)** Beaver 1976b: 534; Schedl 1951k: 133, 145, 1958h: 498–499, 1979c: 229.
- similis* (Eggers) 1922b: 168 (*Stephanoderes*). Syntypes 6, sex?; S.O. Usagara und Nyerengere (Deutsch-Ostafrika); Methner Collection and 2 Eggers syntypes in NHMW, Wien.
Distribution: Africa (Tanzania).
Notes: (1) Schedl 1939i: 383 (to *Cryphalus*).
References: **(tx)** Eggers 1922b: 168; Schedl 1939i: 383, 1961k: 457, 1979c: 230.

- simplex** (Schedl) 1939e: 341 (*Ericryphalus*). Syntypes 2, sex?: Malaya, Selangor: Kepong; BMNH, London, and Schedl Collection in NHMW, Wien. Distribution: Asia (Malaya). Hosts: *Arthrophyllum diversifolia*. References: (ds) Beeson 1961: 287; Browne 1961c: 68. (tx) Schedl 1939e: 341.
- sinoabietis** Tsai & Li 1963: 602, 604, 607, 622. Holotype ♂; Ssu Chuan, China; IZAS, Beijing. Figures: Tsai & Li 1963: 607, Yin, Huang, & Li 1984: 101 (adult). Distribution: Asia (Sichuan in China). Hosts: *Abies faxoniana*. References: (ds) Yin, Huang, & Li 1984: 100. (tx) Tsai & Li 1963: 602, 604, 607, 622; Yin, Huang, & Li 1984: 100.
- sinoabietis** *apienensis* Tsai & Li 1963: 602, 604, 607, 622. Holotype ♂; Ssu Chuan, China; IZAS, Beijing. References: (ds) Yin, Huang, & Li 1984: 101. (tx) Tsai & Li 1963: 602, 604, 607, 622; Yin, Huang, & Li 1984: 101.
- sordidus** (Nobuchi) 1975: 51 (*Taenioglyptes*). Holotype ♀; Mt. Hayachine, Iwate, Japan; Nobuchi Collection, Ibaraki. Figures: Nobuchi 1975: pl. 2, fig. 13. Distribution: Asia (Japan). References: (ds) Nobuchi 1985c: 15. (tx) Nobuchi 1975: 51–52.
- sparsepilosus** Schedl 1942c: 172. Holotype, sex?: Australien; Schedl Collection in NHMW, Wien. Distribution: Australia. References: (tx) Schedl 1942a: 175, 1942c: 172, 1979c: 233.
- squameus** Schedl 1943b: 38. Holotype, sex?: Borneo; Schedl Collection in NHMW, Wien. Distribution: Indonesia (Borneo). References: (tx) Schedl 1943b: 38, 1979c: 235.
- squamulosus** Strohmeier 1911b: 20. Holotype, sex?: Mindoro, Calapan, Philippine Islands; Entomological Collection, Bureau of Science, Manila, P.I., and IPKE, Eberswalde. Distribution: Philippine Islands (Mindoro). References: (ds) Kleine 1913b: 119, 1914b: 290; Schedl 1966b: 22. (tx) Nobuchi 1983: 300; Strohmeier 1911b: 20–21.
- striatulus** Browne 1981a: 127. Holotype, sex?: Buluma (New Britain) to Omaezaki (Japan), imported; BMNH, London. Distribution: New Britain Island. References: (ds) Ohno, Yoneyama, & Nakazawa 1987: 93; Ohno, Yoshioka, et al. 1988a: 91, 1989: 60. (tx) Browne 1981a: 127.
- striatus** Browne 1974a: 66. Holotype, sex?: Fiji: Vanua Levu, Dreketi; BMNH, London. Distribution: Fiji Islands. Hosts: *Storckiella* sp.
- References: (ds) Browne 1974a: 64; Roberts 1976: 379. (tx) Browne 1974a: 66.
- strigilatus** Wichmann 1914c: 137. Holotype, sex?: Tana, Ostafrika; NHMW, Wien. Distribution: Africa (Ethiopia/ Kenya). References: (tx) Schedl 1966j: 467; Wichmann 1914c: 137.
- strigipennis** Schedl 1950f: 50. Lectotype, sex?: Viti Levu: Tholo-i-Suva, 500–1000 ft., Navai Mill, near Nandarivatu, 2500 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 238. Distribution: Fiji Islands. References: (ds) Browne 1974a: 64. (tx) Schedl 1950f: 50, 1979c: 238.
- strohmeieri** Stebbing 1914: 538. Syntypes 2, sex?: Jaunsar, NW Himalaya, Chakrata, Uttar Pradesh, India; FRI, Dehra Dun, automatic. Distribution: Asia (Sichuan, Xizang [Tibet], Yunnan in China/ Bengal, Kashmir, Uttar Pradesh in India). Hosts: *Abies doussa*, *A. pindrow*, *A. webbiana*, *Pinus excelsa*. References: (cn) Pierce, W. D. 1917: 79; Roonwal 1954: 12; Stebbing 1914: 538. (ec) Stebbing 1914: 538. (hb) Stebbing 1914: 538. (ds) Beeson 1961: 286; Kleine 1934a: 142; Pierce, W. D. 1917: 79; Roonwal 1954: 12; Yin & Huang 1981: 561. (tx) Schedl 1939i: 380; Stebbing 1914: 538; Yin & Huang 1981: 561.
- indicus** Stebbing 1902: 403. Syntypes 2, sex?: Jaunsar, NW Himalaya, Chakrata, Uttar Pradesh, India; FRI, Dehra Dun, preoccupied by Eichhoff 1878. References: (ds) Hagedorn 1910d: 43; Kleine 1913b: 118, 1934a: 142. (tx) Hagedorn 1910a: 87; Stebbing 1902: 403, 1914: 538.
- subcompactus** Lea 1910: 140. Syntypes, sex?: N.S. Wales: Galston, Sydney, Australia; SAM, Adelaide? Distribution: Australia (New South Wales, Queensland). Hosts: *Grevillea robusta*. References: (ds) Brimblecombe 1953: 17; Schedl 1972a: 144. (tx) Lea 1910: 140; Schedl 1938f: 47, 1948g: 25, 1979c: 240.
- subgranulatus** Schedl 1943b: 37. Holotype, sex?: S. Theodoro, Ins. Mindoro, Philippines; Schedl Collection in NHMW, Wien. Distribution: Philippine Islands (Mindoro). References: (ds) Schedl 1966b: 22. (tx) Nobuchi 1983: 300; Schedl 1943b: 37, 1979c: 241.
- submuricatus** Eichhoff 1878b: 492. Syntypes, sex?: Asiae India orientalis; Hamburg Museum, lost. Distribution: Asia (Burma/ Andaman Islands in India). References: (ds) Beeson 1929: 255–226; Hagedorn 1910d: 45; Kleine 1913b: 119, 1914b: 269. (tx) Eggers 1925: 152; Eichhoff 1878a: 385, 1878b: 492; Hagedorn 1910a: 88.

- substriatus** Schedl 1942a: 174. Lectotype, sex?: Malaya, Selangor, Sg. Buloh F. R.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 244.
Distribution: Asia (Yunnan in China/ Malaya).
Hosts: *Gluta elegans*, *Shorea sideroxylon*, *Sloetia elongata*.
References: (hb) Beaver & Browne 1978: 585; Browne 1961c: 70. (ds) Beaver & Browne 1978: 585; Browne 1961c: 70, 1984a: 151; Schedl 1959a: 482. (tx) Schedl 1942a: 174, 1953c: 288, 1959a: 482, 1979c: 244.
- subtuberculatus** Schedl 1942c: 168. Holotype, sex?: N.O. Papua, Mt. Lamington; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1942c: 168, 1979c: 245.
- subvestitus** Schedl 1959a: 482. Syntypes ♀: Ceylon: Millawitiya Estate; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka).
References: (ds) Schedl 1959a: 482. (tx) Schedl 1959a: 482, 1979c: 245.
- sundaensis** Schedl 1942d: 14. Lectotype, sex?: Java, Buitenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 247.
Distribution: Asia (Burma/ Thailand), Indonesia (Java).
References: (hb) Kalshoven 1958b: 165. (ds) Beaver & Browne 1975: 289; Schedl 1969c: 50. (tx) Schedl 1942d: 14, 1943b: 36, 1979c: 247.
- sylvicola** (Perkins) 1900: 181 (*Hypothenemus*). Syntypes, sex?: Lanai and Kauai, Hawaiian Islands; BMNH, London.
Distribution: Cook Islands, Fiji Islands, Hawaiian Islands, Micronesia (Caroline Islands, Guam, Mariana Islands), Niue Island, Philippine Islands, Samoan Islands.
Hosts: *Acacia* sp., *Artocarpus* sp., *Ficus* spp., *Ilex* sp., *Pinus insularis*, *Piper guahamense*.
References: (hb) Beaver 1976b: 534. (ds) Beaver 1976b: 534; Beeson 1938b: 289; Browne 1970: 540, 1974a: 64; Hagedorn 1910d: 45; Kleine 1913b: 124; Krauss 1943: 88; Schedl 1972b: 267; Swezey 1949: 446, 1954: 116; Wood, S. L. 1960a: 23. (tx) Browne 1970: 520; Hagedorn 1910a: 88; Perkins 1900: 181; Schedl 1934g: 177, 179, 1939e: 327, 1941f: 111, 1950f: 48, 1963i: 62; Swezey 1949: 446; Wood, S. L. 1960a: 23, 1989: 172.
- henshawi** Hopkins 1915b: 38 (*Eriocryphalus*). Holotype ♀; Hilo, Hawaii; USNM, Washington. Synonymy: Schedl 1941f: 111.
References: (ds) Beeson 1938: 288, 1939: 446; Ford 1960: 333; Swezey 1949: 446. (tx) Hopkins 1915b: 38; Schedl 1941f: 111, 1963i: 62; Swezey 1949: 446.
- pini** Hopkins 1915b: 39 (*Piperius*). Holotype ♀; Baguio, Philippine Islands; USNM, Washington. Synonymy: Schedl 1963i: 62.
References: (ds) Kleine 1934a: 148. (tx) Eggers 1923b; Hopkins 1915b: 39; Schedl 1963i: 62.
- swezeyi** Schedl 1942b: 147. Lectotype ♀; Guam: Dededo, Yigo, Ritidian, Mt. Alifan, Piti; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 248. Synonymy: Wood 1989: 172.
References: (ds) Swezey 1949: 446, 448. (tx) Schedl 1942b: 147–148, 1943b: 34, 1979c: 248; Wood 1960a: 23–25, 1989: 172.
- dimorphus** Schedl 1950f: 38. Lectotype ♀; Fiji, Vanua Mbalavu: Loma Loma, 200–500 ft., Myana, 200 ft., 700 ft., Ovalau near Vuma, 200 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 81. Synonymy: Beaver 1991: 89.
References: (ds) Browne 1974a: 64. (tx) Beaver 1991: 89; Schedl 1950f: 38, 49, 1979c: 81.
- sylvicola obliquus** Schedl 1950f: 48. Lectotype ♀; Fiji: Vanua Moalavu, Loma Loma; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 248. Synonymy: Wood 1960a: 23, 1989: 172.
References: (tx) Schedl 1950f: 48, 1951k: 133, 1979c: 248; Wood, S. L. 1960a: 23, 1989: 172.
- szechuanensis** Tsai & Li 1963: 605, 614, 624. Holotype ♂; Te Chaung, Ssu Chuan, China; IZAS, Beijing.
Figures: Tsai & Li 1963: 615, Yin, Huang, & Li 1984: 111 (adult).
Distribution: Asia (Sichuan in China).
Hosts: *Pinus yunnanensis*.
References: (ds) Yin, Huang, & Li 1984: 111. (tx) Tsai & Li 1963: 605, 614–615, 624; Yin, Huang, & Li 1984: 111.
- szechuanensis tehchangensis** Tsai & Li 1963: 606, 615, 624. Holotype ♂; Te Chaung, Ssu Chuan, China; IZAS, Beijing.
References: (tx) Tsai & Li 1963: 606, 615, 624.
- tabulaeformis** Tsai & Li 1963: 605, 609, 623. Holotype ♂; Chin Huang Tao, Ho Pei, China; IZAS, Beijing.
Figures: Tsai & Li 1963: 609, Yin, Huang, & Li 1984: 106 (adult).
Distribution: Asia (Hebei in China, subspecies in Shanxi).
Hosts: *Pinus tabulaeformis*.
References: (ds) Yin, Huang, & Li 1984: 105. (tx) Tsai & Li 1963: 605, 609, 623; Yin, Huang, & Li 1984: 105.
- tabulaeformis chienzhuangensis** Tsai & Li 1963: 605, 610, 623. Holotype, sex?: China; IZAS, Beijing.
References: (ds) Yin, Huang, & Li 1984: 106. (tx) Tsai & Li 1963: 605, 610, 623; Yin, Huang, & Li 1984: 106.
- taiwanus** Schedl 1970b: 359. Holotype, sex?: Formosa, Kaoshiung to Nagoya (Japan), imported; PPST, Tokyo.

- Distribution: Asia (Taiwan).
 Hosts: *Tsuga* sp.
 References: (tx) Schedl 1970b: 359, 1979c: 249.
- tenuis** Schedl 1942d: 16. Lectotype ♀; Java, Mount Gede, 800 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 251.
 Distribution: Asia (Malaya), Indonesia (Java).
 Hosts: *Artocarpus elasticus*, *A. rigidus*, *A. scortechini*, *Camposperma auriculata*, *Schefflera aromatica*.
 References: (ec) Beaver 1979b: 298. (hb) Beaver 1979b: 298; Beaver & Browne 1978: 585; Browne 1961c: 68. (ds) Beaver & Browne 1978: 585. (tx) Kalshoven 1958: 164; Schedl 1942c: 172, 1942d: 16, 1943b: 36, 1958b: 100, 1979c: 251.
- terminaliae** Browne 1980b: 384. Holotype, sex?; Pulau Adi (New Guinea) to Nagoya (Japan), imported; BMNH, London.
 Distribution: New Guinea.
 Hosts: *Terminalia* sp.
 References: (ds) Browne 1984b: 287; Ohno, Yoshioka, et al. 1988a: 91, 1989: 60. (tx) Browne 1980b: 384.
- tetricus** (Schedl) 1940b: 437 (*Ericryphalus*). Holotype, sex?; Dutch New Guinea, Cyclops Mts., Sabron, Camp 1, 1200 ft.; BMNH, London.
 Distribution: New Guinea.
 References: (ds) Schedl 1971a: 275. (tx) Schedl 1940b: 437–438, 1953b: 124–125, 1958b: 102, 1979c: 252.
- papuanus** Schedl 1942c: 170. Holotype ♂; N.O. Papua, Mt. Lamington; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1979g: 95.
 References: (tx) Schedl 1942c: 170, 1969b: 214, 1972g: 256, 1979c: 183, 1979g: 95.
- grayi** Schedl 1968e: 265. Holotype, sex?; New Guinea, Rifle Range, L.A. Bulolo, Inakanda L.A. Bulolo; CSIRO, Canberra. Synonymy: Schedl 1979g: 95.
 References: (tx) Schedl 1968e: 265, 1979c: 112.
- brevis** Browne 1970: 556 (*Ptilopodius*). Holotype, sex?; New Guinea: Dorey; BMNH, London.
 Synonymy: Schedl 1979g: 256.
 References: (tx) Browne 1970: 556–557; Schedl 1972g: 256.
- theobromae** Nunberg 1956d: 208. Syntypes, sex?; West Africa, S. Ashanti; not located, automatic.
 Distribution: Africa (Ghana).
 Hosts: *Theobroma cacao*.
 References: (tx) Nunberg 1956d: 208.
- horridus** Graham 1908: 113. Syntypes, sex?; West Africa, S. Ashanti; not located, preoccupied by Eichhoff 1878.
 References: (tx) Graham 1908: 113; Hagedorn 1910a: 86; Nunberg 1956d: 208; Schedl 1960i: 104, 1961k: 462.
- trypanoides** Beeson 1935: 106. Holotype ♂?; Marquesas Islands: Uapou, Hakahetau Valley, 2600 feet; BMNH, London.
 Distribution: Hawaiian Islands, Marquesas Islands.
 Hosts: *Artocarpus altilis*.
 References: (ds) Beeson 1938b: 288, 1939: 106; Gemminger & Harold 1872: 2692; Van Zwaluwenburg 1956: 9. (tx) Beeson 1935: 106–107.
- trypanus** Sampson 1914: 383. Holotype ♂; Seychelles, Silhouette, from near Mont Pot-a-eau, Mahe, 1500 feet; BMNH, London.
 Distribution: Africa (Seychelles Islands), Asia (Yunnan in China).
 References: (hb) Beaver 1987a: 17. (ds) Beaver 1987a: 17; Sampson 1914: 382; Schedl 1969d: 11. (tx) Beeson 1935: 107; Sampson 1914: 382–383.
- tuberculatus** Schedl 1943b: 37. Holotype, sex?; Tenasserim; Schedl Collection in NHMW, Wien.
 Distribution: Asia (Burma).
 References: (tx) Schedl 1943b: 37, 1979c: 257.
- uapouensis** (Beeson) 1935a: 107 (*Ericryphalus*). Syntypes 3 ♀; Marquesas Islands: Uapou, Hakahetau Valley, 1000 feet; BMNH, London.
 Distribution: Marquesas Islands.
 References: (ds) Beeson 1938b. (tx) Beeson 1935a: 107, 1938b: 288; Schedl 1942c: 173.
- upoluensis** Schedl 1951k: 144. Lectotype ♂; Samoa, Tutuila, Fagasa Trail 800 ft., Matafao Trail 1300 ft., Upolu, Tapatapao; Lanutoo Trail 1200 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 261.
 Distribution: Samoan Islands.
 References: (tx) Beaver 1976b: 534; Schedl 1951k: 133, 144, 1979c: 261.
- variolosus** Schedl 1950f: 49. Syntypes 2, sex?; Viti Levu: Navai Mill, near Nandarivatu 2500 ft., Ovalau: near Vuma 700 ft.; BPBM, Honolulu, and Schedl Collection (2 syntypes) in NHMW, Wien.
 Distribution: Fiji Islands.
 References: (ec) Roberts 1976: 379. (hb) Roberts 1976: 379. (ds) Browne 1974a: 64; Roberts 1976: 379. (tx) Schedl 1950f: 49, 1951i: 57, 1979c: 264.
- vestitus** Blandford 1895a: 318. Holotype, sex?; Ceylon, Bogawantalawa; BMNH, London.
 Distribution: Asia (Sri Lanka).
 Hosts: *Callophyllum cuneifolium*, *Camellia sinensis*.
 References: (ds) Bhasin, Roonwal, & Singh 1958; Hagedorn 1910d: 46; Kleine 1913b: 119, 1914b: 273; Schedl 1959a: 482. (tx) Blandford 1895a: 318; Hagedorn 1910a: 88; Schedl 1959a: 482.
- viburni** Stark 1936: 143. Lectotype, sex?; Far East, Vladivostok, Schkotov; IZL, Leningrad, designated by Michalski 1969a: 892.
 Distribution: Asia (Shanxi in China/ E USSR).
 Hosts: *Viburnum dilatatum*.
 References: (hb) Stark 1952: 259. (ds) Kurenzov 1941: 153–154; Stark 1952: 259; Yin, Huang, & Li 1984: 104. (tx) Pfeffer 1944a: 131; Michalski 1969a: 892; Schedl 1952k: 158; Stark 1936: 143, 151, 1951: 229, 1952: 259; Tsai & Li 1963: 605–

- 606; Yin, Huang, & Li 1954: 104. (**ms**) Pfeffer 1944a: 131.
- viburni* Eggers 1942c: 30. Holotype, sex?; Ussuri; Eggers Collection (2 Eggers cotypes in NHMW, Wien, may include this holotype). Synonymy: Pfeffer 1942: 30.
- Notes: (1) Michalski 1969a: 592 (designated a lectotype although Eggers' holotype designation appears valid).
- References: (**cn**) Kurenzov 1935c: 189. (**ec**) Kurenzov 1934a: 57. (**hb**) Kurenzov 1935a: 19, 31, 1948b: 126. (**ds**) Krivolutsкая 1983; Kurenzov 1934a: 57, 1935a: 19, 31, 1935c: 189, 1936a: 110, 1936b: 350, 1938a: 59; Stark 1936e: 143, 151; Tsai & Li 1963: 602. (**tx**) Eggers 1942c: 30; Kurenzov 1941a: 153, 1948b: 126; Michalski 1969a: 892, 1969b: 567; Pfeffer 1942: 30, 1944: 131; Schedl 1952k: 158, 1979c: 267; Stark 1951: 158.
- citiensis* Browne 1974a: 67. Holotype, sex?; Fiji: Viti Levu, Nausori Highlands; BMNH, London.
- Distribution: Fiji Islands.
- Hosts: *Dysoxylum* sp.
- References: (**ec**) Roberts 1976: 380. (**hb**) Roberts 1976: 380. (**ds**) Browne 1974a: 64; Roberts 1976: 380. (**tx**) Browne 1974a: 67.
- walkeri* (Blandford) 1896b: 200 (*Cryptarthrum*). Syntypes 2, sex?; Damma I.; BMNH, London.
- Distribution: Asia (Malaya/ Vietnam), Australia (Victoria), Indonesia (Damma, Java, Sumatra), Philippine Islands (Luzon, Mindanao, Mindoro).
- Hosts: *Urostigma* sp.
- References: (**cn**) Kleine 1932a: 302. (**hb**) Kleine 1932a: 302. (**ds**) Beaver & Browne 1978: 585; Browne 1966: 244, 1968a: 133; Hagedorn 1910d: 46; Kleine 1913b: 125, 1914b: 280, 1932a: 302, 1934a: 148; Schedl 1971f: 146. (**tx**) Blandford 1896b: 200; Browne 1968a: 132; Hagedorn 1910a: 83, 1912a: 340; Hopkins 1914: 119; Lucas 1920: 210; Nobuchi 1983: 300; Schedl 1963i: 62. (**ms**) Lucas 1920: 210.
- hagedornii* Eggers 1908c: 216 (*Coccotrypes*). Lectotype ♀; Java; USNM, Washington, designated by Anderson & Anderson. Synonymy: Schedl 1963i: 62.
- Notes: (1) Eggers 1927b: 393 (to *Cryphalus*). References: (**cn**) Kalshoven 1932: 252. (**hb**) Kalshoven 1958b: 165. (**ds**) Hagedorn 1910d: 68; Kalshoven 1932: 252, 1958b: 165; Kleine 1914b: 288, 1934a: 142; Schedl 1938g: 424, 1966b: 20. (**tx**) Anderson, W. H. & Anderson 1971: 14; Eggers 1908c: 216, 1927b: 393–394; Hagedorn 1910a: 94; Nobuchi 1983: 300; Schedl 1938g: 424, 1942a: 175, 1942d: 2, 13, 1950f: 48, 1951i: 50, 1958i: 214, 1958k: 153, 1963i: 61–62.
- javanus* Schedl 1954a: 148. Lectotype, sex?; Java: Buitenzorg, 250 m, Semarang, 40 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 129. Synonymy: Schedl 1958k: 153.
- References: (**tx**) Schedl 1954a: 139, 148–149, 1958k: 153, 1979c: 129.
- wapleri* Eichhoff 1872a: 131. Holotype, sex?; Australia: IRSNB, Brussels.
- Distribution: Australia (Queensland), New Guinea.
- Hosts: *Dysoxylum* sp., *Ficus carica*, *F.* sp., *Malasia scandens*.
- References: (**ec**) Wichmann 1955a: 96. (**ds**) Brimblecombe 1953: 17; Browne 1980b: 381, 1985b: 291; Gemminger & Harold 1872: 2683; Hagedorn 1910d: 46; Kleine 1913b: 119, 1914b: 298, 1934a: 142; Kuschel 1972; Ohno, Yoneyama, & Narazawa 1987b: 93; Ohno, Yoshioka, et al. 1988a: 92, 1989: 60; Wichmann 1955a: 96. (**tx**) Eichhoff 1872a: 131, 1878b: 129; Hagedorn 1910a: 88.
- mekeoi* Schedl 1972h: 61. Holotype, sex?; Laviana Village, M. Bay Dist.; CSIRO, Canberra. Synonymy: Schedl 1979j: 126.
- References: (**tx**) Schedl 1972h: 61, 1979c: 151, 1979j: 126.
- yamaguchii* Inouye & Nobuchi 1957a: 55. Holotype, sex?; Soukkyo, Daisetsu-zen National Park, Hokkaido, Japan; Nobuchi Collection, Ibaraki.
- Distribution: Asia (Hokkaido in Japan).
- Hosts: *Abies sachalinensis*.
- References: (**ds**) Nobuchi 1985c: 15. (**tx**) Inouye & Nobuchi 1957a: 48, 55.
- zimmermani* Schedl 1950f: 51. Syntypes ♀; Viti Levu: Navai Mill, near Nandarivatu, 2500 ft.; BPBM, Honolulu, and Schedl Collection in NHMW, Wien.
- Distribution: Fiji Islands.
- References: (**ds**) Browne 1974a: 64. (**tx**) Schedl 1950f: 51, 1979c: 271.

Genus *Margadillius* Hopkins

- MARGADILLIUS HOPKINS 1915b: 8, 37. Type-species: *Margadillius margadilaonis* Hopkins, original designation.
- Keys: Hopkins 1915b: 37.
- Notes: (1) The status of this genus is doubtful; it may not be separable from *Cryphalus*.
- References: (**ay**) Nobuchi 1969a: 56. (**hb**) Wood, S. L. 1986a: 91. (**ds**) Browne 1961c: 70–71; Schedl 1961k: 447, 1966b: 17. (**tx**) Hopkins 1915b: 8, 37; Nunberg 1956: 141; Schedl 1961k: 447; Wood, S. L. 1986a: 91.
- carinatus* Browne 1980b: 382. Holotype, sex?; Buluma (New Britain) to Nagoya (Japan), imported; BMNH, London.
- Distribution: New Britain Island.
- References: (**tx**) Browne 1980b: 382.
- concentralis* Schedl 1975f: 344. Holotype, sex?; Papua, upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: **(tx)** Schedl 1975f: 344, 1979c: 61.

confusus Hopkins 1915b: 38. Holotype ♀; Pagbilao, P.I.; USNM, Washington.

Distribution: Philippine Islands (Luzon).

Hosts: Tucueu tree.

References: **(ds)** Kleine 1934a: 148; Schedl 1966b: 17. **(tx)** Hopkins 1915b: 36–38; Nobuchi 1983: 300.

erythrinae Hopkins 1915b: 38. Holotype ♀; Calapan, P.I.; USNM, Washington.

Distribution: Philippine Islands.

References: **(ds)** Kleine 1934a: 148; Schedl 1966b: 17. **(tx)** Hopkins 1915b: 36, 37; Nobuchi 1983: 300.

fulvus Browne 1984b: 289. Holotype, sex?; Fakfak (West Irian) to Nagoya (Japan), imported; BMNH, London.

Distribution: New Guinea.

Hosts: *Terminalia* sp.

References: **(tx)** Browne 1984b: 289.

loranthus Schedl 1942d: 8. Lectotype, sex?; Java, Buitenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 142.

Distribution: Indonesia (Java).

Hosts: Loranthaceae seeds.

References: **(hb)** Kalshoven 1958b: 166. **(ds)** Browne 1986b: 334; Ohno, Yoshioka, et al. 1988b: 91. **(tx)** Schedl 1942d: 8, 1979c: 142.

magnus Browne 1984d: 88. Holotype, sex?; New Guinea: Mount Giluwe; BMNH, London.

Distribution: New Guinea.

Hosts: *Quintonia* sp.

References: **(tx)** Browne 1984d: 88.

margadilaonis Hopkins 1915b: 38. Holotype ♀; Pagbilao, P.I.; USNM, Washington.

Distribution: Philippine Islands (Luzon).

Hosts: Margadelaio log.

References: **(ds)** Kleine 1934a: 148; Schedl 1966b: 18. **(tx)** Hopkins 1915b: 36–38; Nobuchi 1983: 300.

minor Schedl 1942a: 176. Lectotype, sex?; Malaya, Selangor, Kepong; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 155.

Distribution: Asia (Malaya), Indonesia (Java).

Hosts: *Hibiscus macrophyllus*.

References: **(hb)** Browne 1961c: 71. **(tx)** Schedl 1942a: 176, 1979c: 155.

minutus Hopkins 1915b: 37. Holotype ♀; Pagbilao, P.I.; USNM, Washington.

Distribution: Philippine Islands.

Hosts: Tucueu tree.

References: **(ds)** Kleine 1934a: 148; Schedl 1966b: 18. **(tx)** Hopkins 1915b: 36–37; Nobuchi 1983: 300.

parvulus Eggers 1943e: 75. Holotype, sex?; Zambezi (Nova Choupanza pres Chemba); Eggers Collection, in NHMW, Wien.

Figures: Schedl 1961k: 447.

Distribution: Africa (Mozambique/ South Africa).

Hosts: *Hibiscus* sp.

References: **(ds)** Schedl 1961k: 447. **(tx)** Eggers 1943e: 75; Schedl 1961k: 447.

quadrituberculatus Schedl 1963i: 64. Holotype, sex?; Java, Batoerraden; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Java).

References: **(tx)** Schedl 1963i: 64–65, 1979c: 186.

terminaliae Browne 1984c: 450. Holotype, sex?; Viru Harbour (Solomon Islands) to Nagoya (Japan), imported; BMNH, London.

Distribution: Solomon Islands.

Hosts: *Terminalia* sp.

References: **(ds)** Browne 1985a: 191; Ohno, Yoneyama, & Nakazawa 1987b: 93; Ohno, Yoshioka, et al. 1988a: 91. **(tx)** Browne 1984c: 450.

Genus *Ptilopodius* Hopkins

PTILOPODIUS HOPKINS 1915b: 7, 11. Type-species: *Ptilopodius stephegynis* Hopkins, original designation.

Keys: Wood 1960a: 18 for Micronesia.

References: **(hb)** Wood, S. L. 1986a: 91. **(ds)** Beeson 1935: 101, 1938: 290; Brimblecombe 1953: 23; Browne 1961c: 79; Schedl 1961k: 454, 1966b: 18; Wood, S. L. 1986a: 91. **(tx)** Hopkins 1915b: 7, 11–12; Schedl 1953c: 294, 1961k: 454, 1962r: 93; Wood, S. L. 1960a: 18, 1986a: 91.

aitutakii Beaver & Maddison 1990: 1367. Holotype ♀; Cook Islands: Aitutaki Island, Angari islet; Auckland Museum.

Distribution: Cook Islands.

References: **(tx)** Beaver & Maddison 1990: 1367.

bambusae Browne 1984f: 69. Holotype, sex?; New Guinea: Morobe District, Wau, 1200 m; BMNH, London.

Distribution: New Guinea.

Hosts: Bamboo.

References: **(tx)** Browne 1984f: 69.

dubiosus Wood 1960a: 19. Holotype ♀; Caroline Islands, Palau Islands, Peleliu; USNM, Washington.

Distribution: Micronesia (Palau Islands in Caroline Islands).

Hosts: *Pandanus* sp.

References: **(ds)** Browne 1984a: 150; Ohno, Yoshioka, et al. 1987a: 87. **(tx)** de Ruelle 1970: 111; Wood, S. L. 1960a: 19.

formosanus Browne 1981a: 129. Holotype, sex?; Hualien (Formosa) to Yatsushiro (Japan), imported; BMNH, London.

Distribution: Asia (Taiwan).

References: **(tx)** Browne 1981a: 129.

javanus Schedl 1942d: 10. Lectotype, sex?; Java, Gedeh; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 129.

- Distribution: Indonesia (Java).
References: (**hb**) Kalshoven 1955b: 166. (**tx**) Schedl 1942d: 10, 1943b: 34, 1979c: 129.
- madagascariensis** Schedl 1961e: 133. Holotype, sex?; Madagascar, Montagne d'Ambre, Joffreville; IRSM, Madagascar.
Distribution: Madagascar.
References: (**hb**) Schedl 1977a: 44. (**ds**) Schedl 1977a: 44. (**tx**) Schedl 1961e: 133, 1962r: 93, 1977a: 44, 1979c: 144.
- marquesanus** Beeson 1935: 101. Syntypes 26, sex?; Marquesas Is.: Eiao, Hivaoa; Tahauku, Upou, Hakagetau Valley; BPBM, Honolulu?
Distribution: Cook Islands (Aitutaki), Fiji Islands, Gambier Islands, Marquesas Islands, Samoan Islands (American Samoa, Western Samoa).
Hosts: *Hibiscus tiliaceus*.
References: (**ds**) Beeson 1935b: 290, 1940: 193; Schedl 1972b: 266. (**tx**) Beaver 1991: 93; Beeson 1935: 101–102, 1938b: 290, 1940: 193; Schedl 1951k: 143.
- zimmermani** Schedl 1951k: 143. Syntypes, sex?; Tutuila, west side: Afono Trail: Amonli 400 ft.: Fagatogo 700 ft.: Samoa, Upolu Tapatapao; BPBM, Honolulu, and Schedl Collection in NHMW, Wien. Synonymy: Beaver 1991: 93.
References: (**tx**) Beaver 1991: 93; Schedl 1951k: 134, 143, 1953c: 294.
- minutissimus** Schedl 1943b: 34. Lectotype, sex?; Mt. Isarog, Luzon, Philippines; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 156.
Distribution: Philippine Islands (Luzon).
References: (**hb**) Kalshoven 1955b: 166. (**ds**) Schedl 1966b: 18. (**tx**) Nobuchi 1983: 300; Schedl 1943b: 34, 1951i: 50, 1954a: 139, 1979c: 156.
- pacificus** Schedl 1941f: 111. Holotype, sex?; Oahu: Waimano; BPBM, Honolulu?
Distribution: Micronesia (Kusaie, Marshall Islands, S Mariana Islands), Hawaiian Islands.
References: (**tx**) Browne 1970: 556; Schedl 1941f: 111, 1951m: 105, 1979c: 182; Wood, S. L. 1960a: 20.
- ramosus** Beeson 1935: 115. Holotype ♀; India: Bengal, Sunderbans; FRI, Dehra Dun.
Figures: Maiti & Saha 1986: 170 (adult, antenna).
Distribution: Asia (Bengal, Nicobar Islands in India), Mangareva Islands, Micronesia (Caroline Islands, Palau Islands, Ponape, Society Islands, Truk Island, Yap Island).
Hosts: *Hibiscus tiliaceus*.
References: (**cn**) Mathur & Singh 1960b: 5. (**ec**) Beeson 1922c: 498. (**hb**) Beeson 1922c: 498. (**ds**) Beeson 1922c: 498, 1938b: 290, 1940: 193, 1961: 295; Kleine 1934a: 148; Maiti & Saha 1986: 169; Mathur & Singh 1960b: 5; Wood, S. L. 1960a: 20. (**tx**) Beeson 1935: 115–116, 1940: 193; Maiti & Saha 1986: 169; Wood, S. L. 1960a: 20.
- rugosus** Schedl 1943b: 34. Lectotype, sex?; Manila, Philippines; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 217.
Distribution: Philippine Islands (Luzon).
References: (**ds**) Schedl 1966b: 18. (**tx**) Nobuchi 1983: 300; Schedl 1943b: 34, 1979c: 217.
- shoreae** Schedl 1953c: 293. Lectotype, sex?; Malaya, Selangor, Kepong; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 227.
Distribution: Asia (Malaya).
Hosts: *Shorea macroptera*.
References: (**ds**) Browne 1961c: 79. (**tx**) Schedl 1953c: 293, 1979c: 227.
- squamosus** Schedl 1953c: 294. Lectotype, sex?; Malaya, Selangor, Kepong; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 236.
Distribution: Asia (Malaya).
Hosts: *Shorea gysbertsiana*, *S. parvifolia*.
References: (**hb**) Browne 1961c: 79. (**tx**) Schedl 1953c: 294.
- stephegynis** Hopkins 1915b: 11. Holotype ♀; Calapan, P.I.; USNM, Washington.
Distribution: Philippine Islands.
Hosts: *Stephegyne diversifolia*.
References: (**ds**) Beeson 1938: 290; Kleine 1934a: 148; Schedl 1959a: 475, 1966b: 18. (**tx**) Hopkins 1915b: 11; Nobuchi 1983: 300; Schedl 1933d: 201, 1959a: 475, 1961e: 133.
- tarawai** Beaver 1990: 149. Holotype ♀; Kiribati: S. Tarawa I.; Auckland Museum.
Distribution: Tarawa Island.
Hosts: *Scaevola* sp.
References: (**tx**) Beaver 1990: 149.
- venustus** Schedl 1953d: 78. Syntypes 2, sex?; Madagascar, Mt. d'Ambre; MNHN, Paris and Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
References: (**tx**) Schedl 1953d: 78–79, 1962r: 93, 1977a: 44, 1979c: 265.

Genus *Cosmoderes* Eichhoff

- COSMODERES EICHHOFF 1878b: 495. Type-species: *Cosmoderes monilicollis* Eichhoff, monobasic.
- Erioschidias* Schedl 1938k: 42. Type-species: *Cryphalus setistriatus* Lea, subsequent designation by Wood 1960a: 21. Synonymy: Wood 1980c: 91.
References: (**ds**) Brimblecombe 1958: 18. (**tx**) Nunberg 1956a: 141; Schedl 1938k: 42, 1957d: 1–162, 1959a: 474, 1961k: 444, 1962r: 85–107; 1977b: 36; Wood, S. L. 1960a: 21, 1980c: 91.
- Dendriops* Schedl 1953b: 125. Type-species: *Dendriops granulicollis* Schedl, monobasic. Synonymy: Wood 1986a: 91.
References: (**tx**) Schedl 1953b: 125; Wood, S. L. 1986a: 91.
- Pseudocosmoderes* Nobuchi 1981c: 16. Type-species: *Pseudocosmoderes attenuatus* Nobuchi

probably = *Cosmoderes monilicollis* Eichhoff, monobasic. Synonymy: Wood 1992b: 80–81.

References: (tx) Nobuchi 1981c: 16–17; Wood, S. L. 1992b: 80–81.

Vitaderes Beeson 1941 (1961: 301). Type-species: *Vitaderes luffae*, nomen nudum, = *Cosmoderes monilicollis* Eichhoff, nomen nudum, no status.

References: (tx) Beeson 1941 (1961: 301).

References: (hb) Schedl 1977a: 36; Wood, S. L. 1986a: 91. (ds) Schedl 1961k: 444, 1966b: 17, 1977a: 36; Wood, S. L. 1986a: 91. (tx) Eichhoff 1878b: 475, 495; Hopkins 1915b: 7, 10–11; Nunberg 1956a: 141; Schedl 1961k: 444, 467, 1962r: 88, 1977a: 36; Wood, S. L. 1954a: 1050, 1986a: 91.

anticus (Schedl) 1975f: 343 (*Erioschidias*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 343, 1979c: 22.

consobrinus Blandford 1894d: 86. Holotype ♀?; Japan; BMNH, London.

Distribution: Asia (Japan).

References: (ds) Blandford 1894c: 579; Hagedorn 1910d: 46; Kleine 1913b: 125, 1914b: 257; Murayama 1949c: 101, 1961: 31. (tx) Blandford 1894d: 86; Hagedorn 1910a: 81; Schedl 1934f: 1640, 1963i: 61.

corpulentus (Schedl) 1971f: 151 (*Erioschidias*). Holotype, sex?; Philippinen, Palawan: Brooke's Point, Uring Uring; UZMC, Copenhagen.

Distribution: Philippine Islands (Palawan).

References: (tx) Schedl 1971f: 151–152.

cylindricus (Schedl) 1962r: 103 (*Erioschidias*). Holotype, sex?; Fiji Inseln; Schedl Collection in NHMW, Wien.

Distribution: Fiji Islands.

References: (ds) Browne 1974a: 64. (tx) Schedl 1962r: 103, 1979c: 73–74.

donisi (Schedl) 1957d: 46 (*Erioschidias*). Holotype, sex?; Congo Belge: Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Cynometra hankei*.

References: (tx) Schedl 1957d: 46, 1979c: 83.

elegans Schedl 1975f: 342. Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 342, 1979c: 88.

elongatus (Eggers) 1939b: 4 (*Erioschidias*). Holotype, sex?; Nordost-Birma (Kambaiti, 7000 Fuss); NHR, Stockholm.

Distribution: Asia (Burma).

References: (tx) Eggers 1939b: 4–5.

frontalis (Wood) 1960a: 21 (*Erioschidias*). Holotype ♂; Ulebsehel (Aurapushekaru) Is., Palau Islands; USNM, Washington.

Figures: Wood 1960a: 22.

Distribution: Micronesia (Palau Islands, Truk in Caroline Islands).

References: (tx) de Ruetete 1970: 101; Wood, S. L. 1960a: 21–22.

imitatrix (Schedl) 1977f: 499 (*Erioschidias*). Holotype, sex?; Vietnam: Yen So, SW of Hanoi; Schedl Collection in NHMW, Wien.

Distribution: Asia (Vietnam).

References: (tx) Schedl 1977f: 499.

madagascariensis (Schedl) 1963i: 65 (*Euptilius*). Syntypes, sex?; Madagascar: Mont. d'Ambre; Schedl Collection in NHMW, Wien.

Distribution: Madagascar.

Notes: (1) Schedl 1979c: 144 (citation of holotype invalid). (3) The syntype in NHMW, Wien, is largely covered by glue; identity uncertain.

References: (tx) Schedl 1963i: 65–67, 1979c: 144.

monilicollis Eichhoff 1878b: 496. Holotype, sex?; Hindostan; Hamburg Museum, lost.

Distribution: Asia (Burma/ Guizhou in China/ India/ Sri Lanka/ Vietnam), Indonesia (Sumatra). Hosts: *Actinidia polygama*, *Akebia trifoliata*, *Lagenaria vulgaris*, *Luffa aegyptiaca*, *Stemtonia hexaphylla*.

References: (ds) Blandford 1895a; Hagedorn 1910d: 46; Kleine 1913b: 125, 1914b: 269; Schedl 1959a: 476. (tx) Eggers 1925: 153; Eichhoff 1878a: 387, 1878b: 496; Hagedorn 1910a: 81; Hopkins 1914: 119; Lucas 1920: 205; Schedl 1959a: 476, 1963i: 60; Wood, S. L. 1992b: 81. (ms) Lucas 1920: 205.

granulicollis Schedl 1953b: 125 (*Dendriops*).

Lectotype, sex?; Indo-China: Saigon; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 111. Synonymy: Schedl 1963i: 60. References: (ds) Schedl 1965a: 339. (tx) Schedl 1953b: 125, 1963i: 60, 1979c: 111.

coriaceus Schedl 1959a: 474 (*Erioschidias*). Syntypes, sex?; Ceylon: Sabargamuva, Millawitiya Estate; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1963i: 60.

Notes: (1) Schedl 1979c: 65 (citation of holotype invalid).

References: (ds) Schedl 1959a: 474, 1971a: 280. (tx) Schedl 1959a: 474, 1961e: 69, 1962r: 103, 1963i: 60, 1979c: 65.

attenuatus Nobuchi 1981c: 17 (*Pseudocosmoderes*). Holotype, sex?; Shimizucho, Wakayama [Japan]; Nobuchi Collection, Ibaraki. Synonymy: Wood 1992b: 81.

Notes: Nobuchi's photograph of the type indicates that it is a female of *monilicollis*; confirmation is needed (SLW).

References: (tx) Nobuchi 1981c: 17–18; Wood, S. L. 1992b: 80–81.

niger (Schedl) 1961e: 131 (*Erioschidias*). Holotype, sex?; Madagascar, Perinet; IRSM, Madagascar. Distribution: Madagascar.

Hosts: *Erythroxylon sphacranthrum*.

References: (tx) Schedl 1961e: 131, 1977b: 37, 1979c: 166.

papuanus Schedl 1975f: 341. Holotype, sex?: Peria Creek, Kwagira River, 50 m; AMNH, New York. Distribution: New Guinea.

References: (tx) Schedl 1975f: 341.

pellitus (Schedl) 1953d: 79 (*Erioschidias*). Lectotype, sex?: Madagascar, Mt. d'Ambre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 187.

Distribution: Madagascar.

References: (tx) Schedl 1953d: 79, 1961e: 131, 1977a: 37, 1979c: 187.

philippinensis (Schedl) 1967a: 126 (*Erioschidias*). Holotype, sex?: Bislig, Mindanao, Philippines to Tokyo (Japan), imported; PPST, Tokyo.

Distribution: Philippine Islands (Mindanao).

References: (tx) Nobuchi 1983: 300; Schedl 1967a: 126–127, 1979c: 192.

queenslandi (Schedl) 1938f: 43 (*Erioschidias*). Lectotype, sex?: Cairns district; Schedl Collection in NHMW, Wien.

Distribution: Australia (Queensland).

References: (ds) Brimblecombe 1953: 18. (tx) Schedl 1938f: 43, 1979c: 209.

ruandae (Schedl) 1962r: 104 (*Erioschidias*). Holotype, sex?: Ruanda: Ihembe; Schedl Collection in NHMW, Wien.

Distribution: Africa (Ruanda in Zaire).

References: (tx) Schedl 1962k: 1067, 1962r: 104, 1979c: 213.

sericeus (Schedl) 1942d: 10 (*Erioschidias*). Lectotype ♂; Java, Mount Gede, 800 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 225.

Distribution: Indonesia (Java).

References: (hb) Kalshoven 1958b: 166. (tx) Schedl 1942d: 10, 1958k: 153, 1979c: 225.

kalshoveni Schedl 1954a: 149 (*Ptilopodius*). Lectotype ♀; Java, Mt. Gede, 800 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 131. Synonymy: Schedl 1958k: 153.

References: (ds) Schedl 1965g: 23. (tx) Schedl 1954a: 139, 149, 1958k: 153, 1979c: 131.

setistriatus (Lea) 1910: 141 (*Cryphalus*). Syntypes, sex?: W. Australia: Rottnest Island; SAM, Adelaide? Distribution: Australia (Western Australia).

Notes: (1) Schedl 1938f: 42 (to *Erioschidias*, =*Cosmoderes*, redescribed).

References: (ds) Brimblecombe 1953: 18. (tx) Lea 1910: 141; Schedl 1936g: 528, 1938f: 42, 1959a: 474.

solitarius (Schedl) 1957d: 46 (*Erioschidias*). Holotype, sex?: Congo Belge: Yangambi; MRCB, Tervuren.

Figures: Schedl 1961k: 445–446.

Distribution: Africa (Zaire).

Hosts: *Dialium corbisieri*.

References: (hb) Schedl 1961k: 445. (ds) Schedl 1961k: 445. (tx) Schedl 1957d: 46, 1961k: 445–446, 1979c: 232.

Genus *Cryptocarenum* Eggers

CRYPTOCARENUS EGGER 1937a: 79. Type-species: *Cryptocarenum diadematus* Eggers, original designation.

Tachyderes Blackman 1943b: 35. Type-species: *Tachyderes floridensis* Blackman = *Cryptocarenum seriatus* Eggers, original designation. Synonymy: Schedl 1951m: 72.

References: (tx) Blackman 1943b: 35; Schedl 1951m: 72, 1962p: 205; Wood, S. L. 1954a: 1011.

Keys: Wood 1982b: 912 for North and Central America.

References: (ay) Nobuchi 1969a: 57. (bv) Schedl 1960f: 11. (hb) Wood, S. L. 1982b: 911, 1986a: 91. (ds) Schedl 1962k: 23; Wood, S. L. 1982b: 911, 1986a: 91. (tx) Arnett 1960: 1043, 1968: 1043; Bright 1972d: 62; Eggers 1933b: 10, 1937a: 79–80; Schedl 1939a: 343, 1939h: 46–47, 1951m: 72, 1958f: 33–46, 1960f: 11, 34, 1962j: 23, 1962p: 205, 1965e: 349–379; Wood, S. L. 1954a: 981, 1011, 1982b: 911, 1986a: 91.

acaciae Schedl 1958f: 45. Syntypes, sex?: Argentinien: Buenos Aires, Tigre; Schedl Collection in NHMW, Wien. and Viana Collection.

Distribution: South America (Argentina).

Hosts: *Acacia nigra*.

Notes: (1) Schedl 1979c: 9 (citation on holotype invalid).

References: (hb) Viana 1964: 125. (ds) Nunberg 1972b: 193; Viana 1964: 125. (tx) Schedl 1951m: 96, 1958f: 45, 1979c: 9.

brasilensis (Schedl) 1951m: 96 (*Miocryphalus*). Holotype, sex?: Brasilien, Bahia; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1951m: 96, 1979c: 45.

brevicollis Eggers 1937a: 81. Holotype ♀; Bolivien (Cochabamba); Eggers Collection, in NHMW, Wien.

Distribution: South America (Bolivia/ Brazil/ Venezuela).

Hosts: *Nectandra* sp.

References: (ds) Blackwelder 1947: 781. (tx) Eggers 1937a: 81; Schedl 1939h: 47, 1979c: 46; Wood, S. L. 1976a: 347.

coronatus Wood 1971d: 36. Holotype ♀; 20 km SW El Vigia, Merida, Venezuela; Wood Collection. Synonymy: Wood 1976a: 347.

References: (hb) Wood, S. L. 1971d: 36. (ds) Beaver 1974a. (tx) Wood, S. L. 1971: 36, 1976a: 347.

- diadematus** Eggers 1937a: 80. Holotype ♀: Brasilien (Corumbá, Matto Grosso); USNM, Washington.
Distribution: Antilles Islands (Jamaica), North America (Costa Rica/Oaxaca in Mexico/Panama), South America (Brazil/ Colombia/ Venezuela).
Hosts: *Persea americana*, *Saraca indica*, *Serjania* sp.
References: (ds) Beaver 1974; Blackwelder 1947: 781; Pedrosa-Macedo & Schonherr 1985: 49; Schedl 1970e: 82; Wood, S. L. 1982b: 912. (tx) Anderson, W. H. & Anderson 1971: 11; Eggers 1937a: 80; Pedrosa-Macedo & Schonherr 1985: 49; Schedl 1939h: 47, 1979c: 79; Wood, S. L. 1954a: 1012, 1982b: 912.
- harringtoni** (Blackman) 1943b: 38 (*Tachyderes*). Holotype ♀; Yaguacua, Bolivia; USNM, Washington.
Distribution: South America (Bolivia).
References: (ds) Nunberg 1958a: 480. (tx) Blackman 1943b: 38; Nunberg 1958a: 480; Schedl 1962p: 205.
- heveae** (Hagedorn) 1912a: 338 (*Stephanoderes*). Lectotype ♀; Eala, Congo; MRCB, Tervuren, designated by Wood 1982b: 914.
Figures: Schedl 1962j: 24–25.
Distribution: Africa (Ghana/ Zaire), Antilles Islands (Cuba/ Guadeloupe/ Jamaica/ Virgin Islands), North America (Costa Rica/ Colima, Veracruz in Mexico/ Panama/ Florida in USA), South America (Brazil/ Colombia/ Venezuela).
Hosts: *Canavalia villosa*, *Vitis* sp.
References: (ay) Van Ryn-Tournel 1975. (bv) Schedl 1960f: 71. (cn) Aulmann 1912: 55; Ghesquiere 1933a: 33–36, 1933b: 783; Green 1916: 608–636; Mayne & Donis 1951: 334; Schmitz & Crisinel 1957: 12. (ec) Equihua & Atkinson 1986: 630; Mayne & Donis 1951: 334. (hb) Beaver 1974a; Browne 1963a: 235; Equihua & Atkinson 1986: 630; Kalshoven 1963; Schedl 1962k: 24; Schmitz & Crisinel 1957: 12. (ds) Atkinson & Equihua 1985c: 358; Beaver 1974a; Bright 1972d: 62, 1985c: 174; Browne 1963a: 235; Equihua & Atkinson 1986: 630; Estrada & Atkinson 1988: 209; Ghesquiere 1933c; Kalshoven 1963; Kleine 1913b: 121, 1914b: 314; Mayne 1915: 577–596; Pedrosa-Macedo & Schonherr 1985: 50; Schedl 1960f: 34–94, 1962k: 24, 1964j: 41, 1967e: 214, 1970e: 82; Wichmann 1954: 525; Wood, S. L. 1957c: 396, 1977a: 69, 1982b: 914. (tx) Bright 1972d: 62, 1985c: 174; Eggers 1924: 110, 1927a: 197, 1932c: 23, 1937a: 80, 1940h: 61; Hagedorn 1912a: 338, 1913a: 18; Pedrosa-Macedo & Schonherr 1985: 50; Schedl 1938a: 173, 1938i: 26, 1939h: 47, 1962j: 24–25; Wood, S. L. 1954a: 1014, 1957c: 396, 1962: 78, 1975b: 393, 1982b: 914.
- caraibicus** Eggers 1937a: 82. Holotype ♀; Guadeloupe; USNM, Washington. Synonymy: Wood 1975b: 393.
References: (ds) Blackwelder 1947: 781. (tx) Anderson, W. H. & Anderson 1971: 9; Eggers 1937a: 82; Schedl 1938a: 162, 183, 1939h: 47, 1979c: 53; Wood, S. L. 1975f: 392.
- parvus** Blackman 1943b: 36 (*Tachyderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1962: 78.
References: (tx) Blackman 1943b: 36; Schedl 1962p: 205; Wood, S. L. 1962: 78.
- porosus** Wood 1954a: 1014. Holotype ♀; Royal Palm Hammock State Park, Florida [USA]; SMUK, Lawrence. Synonymy: Wood 1957c: 396.
References: (hb) Wood, S. L. 1953: 106, 1954a: 1014. (tx) Wood, S. L. 1953: 106, 1954a: 1014, 1957c: 396, 1962k: 24.
- laevigatus** (Blandford) 1904: 230 (*Hypothenemus*). Lectotype ♀; Los Remedios, Chiriquí, Panama; BMNH, London, designated by Wood 1982b: 914.
Distribution: North America (Nicaragua/ Panama).
References: (ds) Hagedorn 1910d: 44; Kleine 1913b: 121, 1914b: 361; Wood, S. L. 1982b: 914. (tx) Blandford 1904: 229–230; Browne 1970: 557; Hagedorn 1910a: 87, 1912a: 338–339; Wood, S. L. 1982b: 914.
- lepidus** Wood 1971: 36. Holotype ♀; Beverley; Limon Prov., Costa Rica; Wood Collection.
Distribution: North America (Costa Rica/ Guatemala/ Oaxaca in Mexico/ Panama), South America (Brazil/ Colombia).
Hosts: *Canavalia villosa*, *Coffea robusta*, *Protium* sp., *Serjania* sp., *Xeipia* sp.
Notes: (3) Wood 1982b: 913 (redescribed).
References: (ds) Atkinson & Equihua 1985c: 358, 1988: 88; Beaver 1974a; Wood, S. L. 1971: 36–37, 1982b: 913.
- pilosus** Eggers 1937a: 81. Holotype, sex?; Bolivien (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia/ Brazil).
Hosts: *Protium* sp.
References: (hb) Beaver 1974a. (ds) Beaver 1974a; Blackwelder 1947: 781. (tx) Anderson, W. H. & Anderson 1971: 25; Eggers 1937a: 81; Schedl 1939d: 410, 1939h: 47.
- pubescens** Wood 1986c: 271. Holotype ♀; 69 km N Manaus, Brazil; Wood Collection.
Distribution: South America (Brazil).
References: (tx) Wood, S. L. 1986c: 271.
- punctifrons** Schedl 1939d: 410. Syntypes, sex?; Isla Martín García, Argentina; Schedl Collection in NHMW, Wien, and Viana Collection.
Distribution: South America (Argentina).
Notes: (3) Schedl 1979c: 205 (citation of holotype invalid).
References: (hb) Viana 1964: 125. (ds) Blackwelder 1947: 781; Viana 1964: 125. (tx) Schedl 1939d: 410, 1979c: 205.
- pygmaeus** Schedl 1965e: 370. Holotype, sex?; Congo ex belge, Yangambi; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

Hosts: *Caloncobia welchitschii*.

Notes: (1) The holotype of this species does not belong to this genus; it may be a *Miocryphalus*.

References: (tx) Schedl 1965e: 370, 1979c: 207.

seriatus Eggers 1933b: 10. Holotype ♀; French Guayana (Nouveau Chantier); MNHN, Paris.

Figures: Atkinson & Aquihua 1988: 91, Bright 1972d: 59, Pedrosa-Macedo & Schonherr 1985: 51.

Distribution: Antilles Islands (Cuba/ Haiti/ Jamaica/ Virgin Islands), North America (Costa Rica/ Honduras/ Colima, Nayarit, Oaxaca, Sinaloa in Mexico/ Florida, S Texas in USA), South America (Bolivia/ Brazil/ Cayenne/ Venezuela).

Hosts: *Araucaria angustifolia*, *Canavalia villosa*, *Chenopodium ambrosioides*, *Conocarpus erecta*, *Dipholis salicifolia*, *Ficus aurca*, *Ipomoea pres-caprae*, *Mangifera indica*, *Metopium toxiferum*, *Persea borbonica*, *Pithecellobium guadeloupense*, *Rhacoma crossopetalum*.

References: (bv) Atkinson, Foltz, & Connor 1988. (ec) Equihua & Atkinson 1986: 630. (hb) Atkinson, Foltz, & Connor 1988; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 630; Wood, S. L. 1953: 104. (ds) Atkinson & Equihua 1985c: 358, 1988: 88; Beaver 1974a; Blackwelder 1947: 781; Bright 1972d: 63, 1985c: 174; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1987a: 66; Estrada & Atkinson 1988: 209; Nunberg 1958a: 480, 1972b: 193; Pedrosa-Macedo & Schonherr 1985: 51; Schedl 1960a: 78, 1972g: 39; Schonherr & Pedrosa-Macedo 1981: 52; Wood, S. L. 1977a: 69, 1982b: 913. (tx) Atkinson & Equihua 1988: 91; Bright 1972d: 59, 63, 1985c: 174; Eggers 1933b: 10; Nunberg 1958a: 480; Pedrosa-Macedo & Schonherr 1985: 51; Schedl 1939h: 47, 1957a: 194, 1962p: 205, 1979c: 225; Wood, S. L. 1953: 104, 1972e: 193–194, 1975a: 21, 1982b: 913.

adustus Eggers 1933b: 11. Holotype ♀; St. Jean du Maroni, French Guayana; MNHN, Paris. Synonymy: Wood 1972e: 194.

References: (ds) Blackwelder 1947: 781. (tx) Eggers 1933b: 11; Wood, S. L. 1972e: 194.

floridensis Blackman 1943b: 36 (*Tachyderes*). Holotype ♀; Paradise Key, Florida [USA]. Synonymy: Schedl 1962p: 205.

References: (hb) Wood, S. L. 1954a: 1012. (ds) Blackwelder & Blackwelder 1948. (tx) Blackman 1943b: 36; Schedl 1962p: 205; Wood, S. L. 1954a: 959, 979, 1012.

bolivianus Eggers 1943a: 356. Holotype ♀; Cochabamba, Bolivia; USNM, Washington. Synonymy: Wood 1975a: 21.

References: (tx) Anderson, W. H. & Anderson 1971: 7; Eggers 1943a: 356; Schedl 1958f: 46, 1979c: 43; Wood, S. L. 1975a: 21.

spatulatus Wood 1986c: 272. Holotype ♀; Sta. Maria Chimalpa, Oaxaca, Mexico; Wood Collection.

Distribution: North America (Oaxaca in Mexico).

Hosts: *Struthanthus* sp.

References: (tx) Wood, S. L. 1986c: 272.

Genus *Hypothenemus* Westwood

HYPOTHENEMUS WESTWOOD 1836: 34. Type-species: *Hypothenemus eruditus* Westwood, monobasic.

Stephanoderes Eichhoff 1872a: 132. Type-species: *Stephanoderes chapuisi* Eichhoff = *Crypturgus dissimilis* Zimmermann, subsequent designation by Hopkins 1914: 130. Synonymy: Browne 1963: 53.

References: (ay) Van Ryn-Tournel 1975. (bv) Schedl 1960f: 11. (cn) Albuquerque Leao 1941: 319–328; Blackman 1950: 306, 327; Browne 1968: 660; Coleman 1931: 1–26; Dorsey & Leach 1956: 224; Hargreaves 1936: 8–11; Lefevre 1944: 191–200; Luigioni 1929: 997; Mertens 1920: 243–251; Myers 1947: 7; Roque 1946: 30–31; Tucker 1911: 27; Ultee 1925: 1–52; Wolcott 1921: 11. (hb) Browne 1961c: 71–76; Ghesquiere 1933a: 25, 1933b: 774–778; Nusslin 1912: 82; Schedl 1961k: 546, 1977a: 61. (ds) Blackwelder 1947: 777; Browne 1961c: 71; Costa Lima 1956: 292–293; Hagedorn 1910d: 40; Heyden, Reitter, & Weise 1906; Leng 1920; Schedl 1961k: 546, 1977a: 61; Swaine 1909: 116. (tx) Arnett 1960: 1043, 1968: 1043; Balachowsky 1949a: 201; Beal & Massey 1945: 48, 51, 115–117; Beeson 1938: 290; Blackman 1922a: 79, 89; Blandford 1894b: 262, 1894d: 83–85, 1904: 226; Blatchley & Leng 1916: 593, 599; Browne 1963c: 53; Chamberlin 1939: 303; Costa Lima 1928: 117; Dodge 1938: 18; Duffy 1953: 6, 14; Eggers 1940a: 123–141, 1940b: 99–108; Eichhoff 1872a: 132, 1878a: 387, 1878b: 44–46, 142, 475, 496, 1881a: 46, 190, 1883: 110, 134, 1896: 608; Hagedorn 1910a: 84, 1912: 33–43, 1913b: 3; Hopkins 1914: 130, 135, 1915b: 1–75, 1915c: 171–226; Nunberg 1960: 287–308; Peyerimhoff 1935: 193–195; Reitter 1894: 73, 1906: 711, 1913a: 5, 71; Roepke 1919: 8; Sampson 1914: 379; Schedl 1934d: 84, 1939a: 342, 1939i: 381, 1941d: 379–424, 1957d: 1–162, 1958f: 33–46, 1959q: 705–710, 1961k: 546, 1962r: 89, 1963: 215–216, 1965f: 3–15, 1977a: 61, 1977b: 61; Stark 1952: 280; Swaine 1918a: 16, 18, 35, 45; Wood, S. L. 1954a: 1011, 1015, 1960a: 35.

Homoeocryphalus Lindemann 1876: 168. Type-species: *Stephanoderes ehlersii* Eichhoff = *Hypothenemus eruditus* Westwood, monobasic. Synonymy: Fauvel 1884: 315. References: (tx) Blandford 1904: 226; Fauvel 1884: 315, 390; Lindemann 1876: 168; Swaine 1909: 116.

- Adiacretus* Hagedorn 1909a: 744. Type-species: *Adiacretus spinosus* Hagedorn = *Stephanoderes elaphus* Eichhoff, monobasic. Synonymy: Schedl 1939: 380.
References: (tx) Hagedorn 1909a: 744; Schedl 1939i: 380, 1961k: 467; Wood, S. L. 1954a: 1050.
- Stylotentus* Schedl 1939i: 380. *Hypothenemus concolor* Hagedorn, subsequent designation by Schedl 1961k: 448. Synonymy: Wood 1983: 648.
References: (tx) Nunberg 1956: 141; Schedl 1939i: 280, 1953c: 294, 1957d: 10, 1961k: 448, 1962r: 89–90, 1977b: 37.
- Triarmocerus* Eichhoff 1878b: 42, 119. Type-species: *Triarmocerus cryphaloides* Eichhoff, monobasic. Synonymy: Synonymy is based on Eichhoff's placement of *birmanus* in *Triarmocerus* and on a specimen in the Schedl Collection of *cryphaloides* presumably compared with the type.
References: (tx) Eichhoff 1878b: 42, 119; Hagedorn 1910a: 46; Nunberg 1956: 141; Schedl 1962r: 89.
- Chondronoderes* Schedl 1940d: 589. Type-species: *Stephanoderes magnus* Eggers, monobasic. Synonymy: Wood 1984b: 226.
References: (tx) Schedl 1940d: 589, 1961k: 545; Wood, S. L. 1984b: 226.
- Archeophalus* Schedl 1941d: 392. Type-species: *Archeophalus natalensis* Schedl, monobasic. Synonymy: Wood 1984b: 226.
References: (tx) Schedl 1941d: 392, 1961k: 443; Wood, S. L. 1984b: 226.
- Pachynoderes* Schedl 1941d: 393. Type-species: *Pachynoderes deprecator* Schedl, monobasic. Synonymy: Wood 1984b: 226.
References: (tx) Schedl 1941d: 393, 1961k: 632; Wood, S. L. 1984b: 226.
- Lepiceroides* Schedl 1957d: 59. Type-species: *Lepiceroides aterrimus* Schedl, monobasic. Synonymy: Wood 1984b: 226.
References: (tx) Schedl 1957d: 59, 1961k: 635; Wood, S. L. 1984b: 226.
- Ernophloeus* Nunberg 1958a: 484. Type-species: *Ernophloeus costalimai* Nunberg = *Stephanoderes fuscicollis* Eichhoff, original designation. Synonymy: Wood 1986c: 266.
References: (tx) Nunberg 1958a: 484; Schedl 1960i: 104; Wood, S. L. 1986c: 226.
- Epsips* Beeson 1941 (1961: 287). Type-species: *Epsips sylvicum*, nomen nudum. Beeson's series was examined by SLW, but the name was never validated and is not needed.
References: (tx) Beeson 1941 (1961: 287).
- Macrocryphalus* Nobuchi 1981c: 14. Type-species: *Macrocryphalus oblongus* Nobuchi, probable synonym of *Stephanoderes fuscicollis* Eichhoff. Synonymy: Wood 1992b: 81.
References: (tx) Nobuchi 1981c: 14; Wood, S. L. 1992b: 81.
- Keys: Wood 1954a: 1017, 1052, 1982b: 876, Blandford 1904: 227 for North America.
References: (ay) Nobuchi 1969a: 58; Nusslin 1911, 1912; Van Ryn-Tournel 1975. (bv) Schedl 1960f: 11–12. (cn) Blackman 1950: 306, 326–327; Goncalves 1935: 414–420; Mayne 1917: 1–80; Tulashvili 1930: 189–230. (hb) Beaver 1987a: 18; Bright & Stark 1973: 68; Browne 1963a: 233; Ghesquiere 1933a: 25, 1933b: 774–775; Lengerken 1939: 63; Schedl 1958d: 189, 1961k: 467, 1977a: 37; Smith 1890: 54–55; White, R. E. 1983: 33; Wood, S. L. 1986a: 91. (ds) Beaver 1987a: 18; Bright & Stark 1973: 68; Britten 1920: 95–96; Hagedorn 1910d: 40; Schedl 1934f: 1640, 1961k: 467, 1966b: 24, 1977a: 37; Scheerpeltz & Winkler 1930: 257; Swaine 1909: 116; Wachtl 1876: 453; Wood, S. L. 1982b: 875, 1986a: 91. (tx) Arnett 1960: 1043, 1968: 1043; Balachowsky 1949a: 200; Beal & Massey 1945: 60, 117; Beeson 1938: 288, 1941: 374; Blackman 1922b: 76, 82; Blandford 1894b: 260–264, 1894d: 83–86, 1895b: 81–83, 1897a: 183, 1898b: 185, 225, 1904: 226–232, 249; Blatchley & Leng 1916: 592–596; Bright 1972: 48–49; Bright & Stark 1973: 68; Browne 1961: 76–79, 1963: 53–58, 1968: 60; Chamberlin 1939: 12, 37, 102–106, 275, 288, 303; Choo 1983: 65; Choo, Woo, & Nobuchi 1988b; Costa Lima 1928: 118–120; Dodge 1938: 18; Eggers 1934: 27, 1943c: 68; Eichhoff 1864: 34, 45, 56, 1868d: 421, 1896: 608; Erichson 1836: 61; Fauvel 1884: 315; Ferrari 1867a: 4, 7, 1867b: 113; Gozman 1885: 278; Hagedorn 1910a: 84, 86, 138; Hopkins 1914: 116, 123, 133, 1915b: 7, 12–15, 1915c: 117–121; Jacquelin du Val & Fairmaire 1868: 105; Kurenzov 1941: 70; Luigioni 1929: 997; LeConte 1876: 355; LeConte & Horn 1883: 517; Peyerimhoff 1935: 193–196; Reitter 1894: 73–75, 1906: 711, 1913a: 65, 71–74; Sampson 1914: 379; Schedl 1939i: 380, 1940c: 203–208, 1952g: 50, 1957d: 79, 1958f: 33–46, 1961k: 467, 1962r: 88, 1963h: 265, 1963i: 62, 1964k: 215–216, 1977a: 37, 1977b: 48; Sharp 1879: 101–102; Stark 1952: 13–27, 78, 153, 290; Westwood 1836: 34; Wood, S. L. 1954a: 981, 1067, 1960a: 40, 1961: 45, 1982b: 875–911, 1986: 91–93, 1986a: 91.
- aberrans** Browne 1973a: 287. Holotype ♀; Zaire: Lovanium (Kinshasa); MRCB, Tervuren. Distribution: Africa (Zaire).
References: (hb) Van Ryn-Tournel 1975. (tx) Browne 1973a: 287.
- abruptus** (Schedl) 1961e: 135 (*Stephanoderes*). Holotype, sex?; Madagascar, Betsatsakry pres Perinet; IRSM, Madagascar. Distribution: Madagascar.
Hosts: *Ravensara* sp.
References: (hb) Schedl 1977a: 62. (ds) Schedl 1977a: 62. (tx) Schedl 1961e: 135, 1977a: 62, 1979c: 9.

acaciae (Eggers) 1920: 120 (*Cryphalus*). Lectotype ♀; Cheren, Abessinien; USNM, Washington, designated by Anderson & Anderson 1971: 3.
Distribution: Africa (Ethiopia).

Hosts: *Acacia catechu*.

References: (**hb**) Schedl 1961k: 548. (**ds**) Schedl 1961k: 548, 1982b: 278. (**tx**) Anderson, W. H. & Anderson 1971: 3; Eggers 1920: 120, 1927: 178, 1935c: 304, 1936c: 35; Schedl 1961k: 548, 1979c: 9.

adscitus (Schedl) 1950f: 46 (*Stephanoderes*). Holotype, sex?; Fiji Islands; Eggers Collection, in NHMW, Wien.

Distribution: Fiji Islands.

Hosts: *Acalypha* sp.

References: (**ds**) Browne 1974a: 64. (**tx**) Schedl 1950f: 37, 46, 1979c: 12.

aethiops (Schedl) 1965g: 26 (*Lepiceroideis*). Holotype, sex?; Congo ex belge, Yangambi; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

Hosts: *Dichopetalum thonneri*.

References: (**tx**) Schedl 1965g: 26, 1979c: 13.

africanus (Hopkins) 1915b: 30 (*Stephanoderes*). Holotype ♀; Capetown, South Africa; USNM, Washington.

Distribution: Africa (South Africa), Antilles Islands (Bahama Islands/ Dominican Republic in Hispanola/ Jamaica/ Puerto Rico/ Virgin Islands), Asia (Malaya), Indonesia (Java), North America (Belize/ Costa Rica/ Honduras/ Alabama, Louisiana in USA), South America (Brazil/ Venezuela).
Hosts: Fruiting pods and twigs of trees, *Pyrus malus*.

Notes: (3) Wood 1967b: 78 (a possible synonym of *setosus*).

References: (**hb**) Wood, S. L. 1982b: 908. (**ds**) Bright 1973: 18, 1985c: 174; Schedl 1961k: 548; Wood, S. L. 1977a: 70, 1982b: 908. (**tx**) Bright 1985c: 174; Hopkins 1915b: 23, 30; Schedl 1961k: 548; Wood, S. L. 1967b: 78, 1982b: 908.

agnatus (Eggers) 1924: 103 (*Stephanoderes*). Lectotype ♂; Elisabethville (Congo); USNM, Washington, designated by Anderson & Anderson 1971: 3.

Distribution: Africa (Equatorial Guinea/ Fernando Po/ Namibia/ South Africa/ Tanzania/ Uganda/ Zaire/ Zambia), Madagascar.

Notes: (1) Schedl 1979c: 15 (designation of lectotype invalid).

References: (**ds**) Schedl 1961k: 549, 1977a: 62, 1982: 278. (**tx**) Anderson, W. H. & Anderson 1971: 3; Eggers 1924: 103, 1927a: 197, 1940b: 102, 1940c: 235–236; Schedl 1939g: 170, 1939i: 385, 1961k: 548–549, 1962h: 67, 1977a: 62, 1979c: 15.

alternatus (Eggers) 1943e: 73 (*Stephanoderes*). Holotype, sex?; Zambeze (Environ de Sone, M. Soussou); MNHN, Paris.

Distribution: Africa (Mozambique).

References: (**tx**) Eggers 1943e: 73; Schedl 1961k: 549, 1979c: 17.

amakusanus (Murayama) 1934c: 287 (*Stephanoderes*). Holotype ♀; Kadoyama in Amakusa Is., Kumamoto Pref., Kiusiu; Murayama Collection in USNM, Washington.

Distribution: Asia (Japan).

Hosts: *Daphniphyllum glauscens*.

References: (**cn**) Anonymous 1980g. (**ds**) Anonymous 1980g; Murayama 1953c: 150, 1954b: 199; Nobuchi 1985c: 15. (**tx**) Murayama 1934a: 4, 1934c: 287–288, 1954b: 199.

apicalis Wood 1974a: 19. Holotype ♀; 3 km E Armeria, Colima, Mexico; Wood Collection.

Distribution: North America (Colima, Oaxaca in Mexico).

Hosts: Liana, shrub.

References: (**ds**) Wood, S. L. 1982b: 883. (**tx**) Wood, S. L. 1974a: 19, 1982b: 883.

arecae (Hornung) 1842: 117 (*Bostrichus*). Lectotype ♀; Ostindien nuts intercepted in Germany; MNB, Berlin, designated by Wood 1974d: 282.

Figures: Maiti & Saha 1986: 160 (adult, antenna).

Distribution: Africa (Cameroon/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Liberia/ Nigeria/ Sierra Leone/ Uganda/ Zaire), Antilles Islands (Bahama Islands/ Martinique/ Puerto Rico/ Virgin Islands), Asia (Bangladesh/ Burma/ Andaman Islands, Assam, Bengal, Maharashtra, Punjab, Tamil Nadu, Uttar Pradesh in India/ Sri Lanka/ Thailand), Europe (intercepted in Austria, Germany), Hawaiian Islands, Indonesia (Sumatra), Marquesas Islands, Micronesia (Caroline Islands, Mariana Islands, Marshall Islands), New Caledonia, Niue Island, North America (S Florida in USA), Philippine Islands, South America (Brazil).

Hosts: Numerous species of herbs, shrubs, and trees (Browne 1961c: 77–78); Schedl records are confused with those of *eruditus*). *Bosqueria angolensis*.

Notes: (3) Schedl 1957d: 12 (*mayumbensis* Eggers, nomen nudum, synonymy).

References: (**cn**) Grandi 1951; Kalshoven 1932: 242; Kleine 1932a: 298; Mathur & Singh 1960a: 16; Mathur, Singh, & Lal 1958: 32; Schmitz & Crisinel 1957: 10; Sivaram 1980: 58; Smith, J. B. 1900: 362. (**ec**) Felt 1906: 702; Wichmann 1955a: 96, 98. (**hb**) Blandford 1894b; Browne 1961c: 77–78; Felt 1906: 702; Grandi 1951; Kleine 1932a: 298; Lengerken 1939: 64, 1954: 84; Schmitz & Crisinel 1952: 10; Vayssiére 1923: 108; Yunus & Hua 1980: 228. (**ds**) Atkinson & Equihua 1985c: 357; Beaver 1987b: 64, 1990a: 280; Beeson 1935a: 103, 1935b, 1938b: 288, 1961: 288; Blandford 1894b; Borchert 1951; Browne 1961c: 78, 1980b: 380; Estrada & Atkinson 1988: 209; Gemminger & Harold 1872: 2682; Hagedorn 1910d: 40, 1913b: 45–46; Heyden, Reitter, & Weise 1906: 711; Horion 1951; Kalshoven 1932:

242, 1958: 170; Kleine 1913b: 121, 1914b: 269, 288, 300, 307, 1932a: 298, 1934a: 145; LePelley 1968: 113; Lepesme et al. 1948: 645; Maiti & Saha 1980: 159; Mathur & Singh 1960a: 16; Mathur, Singh, & Lal 1958: 32; Pittioni 1943: 176; Reitter 1894a: 75, 1916: 290; Roba 1935: 338; Schedl 1980a: 16; Scheerpeltz & Winkler 1930: 257; Schilsky 1909: 188; Smith, J. B. 1900: 362; Stein & Weise 1877: 164; Sturm 1843: 230; Swaine 1909: 118; Vayssiere 1923: 108; Wichmann 1927a: 79, 1955a: 96, 98; Wood, S. L. 1957e: 1273, 1960a: 41, 1977a: 70, 1982b: 906; Yumus & Hua 1980: 228. **(tx)** Beaver 1991: 92; Beeson 1935a, 1935b; Blandford 1894b: 229–230, 1904: 229; Eggers 1908: 1, 1922a: 86, 1925: 153, 1929e: 55, 1936d: 626; Eichhoff 1878b: 165–166, 1896: 608; Fauvel 1884b: 315, 390; Ferrari 1867a: 17; Hagedorn 1910a: 85; Hopkins 1915b: 14, 1915c: 222; Hornung 1842: 117; Maiti & Saha 1980: 159; Numberg 1956a: 144; Portevin 1935: 325; Reitter 1894a: 75, 1902a: 141, 1913a: 73, 1916: 290; Schedl 1934f: 1640, 1935j: 1, 1942a: 169–170, 1942d: 2, 1950d: 19, 1950g: 895, 1953c: 288, 1954a: 139, 1957d: 12, 1980a: 16; Swaine 1909: 118; Wood, S. L. 1960a: 41, 1974d: 282, 1982b: 906.

vafer Blandford 1896f: 241. Syntypes 4, sex?; Noumea, New Caledonia; BMNH, London. Synonymy: Wood 1974d: 282.

References: **(ds)** Beaver 1976b: 536; Beeson 1938b: 288, 1940; Hagedorn 1910d: 46; Kalshoven 1958: 170; Kleine 1913b: 124, 1914b: 301. **(tx)** Beaver 1976b: 536; Beeson 1938b: 290, 1940: 198; Blandford 1896f: 241; Hagedorn 1910a: 88; Hopkins 1915b: 23; Schedl 1939f: 35; Wood, S. L. 1972f: 51, 1974d: 282.

fungicola Eggers 1908c: 216 (*Stephanoderes*). Holotype ♀; Java; Fiori Collection, Bologna. Synonymy: Eggers 1929e: 52, 55.

References: **(cn)** Kalshoven 1932: 242. **(ds)** Hagedorn 1910d: 43; Kalshoven 1932: 242; Kleine 1913b: 121. **(tx)** Eggers 1908c: 216, 1922a: 86, 1924: 153, 1929e: 55; Hagedorn 1910a: 86; Hopkins 1915b: 14.

polyphagus Eggers 1924: 104 (*Stephanoderes*). Syntypes, sex?; Congostaat: Mayumbe and Barumba; MRCB, Tervuren, and 4 in Eggers Collection, in NHMW, Wien. Synonymy: Wood 1972f: 52.

Notes: (3) Schedl 1950: 15 (*mayumbensis* Eggers, nomen nudum).

References: **(cn)** Azavedo 1924a; Ghesquiere 1933a: 32–36, 1933b: 782–786; Magnin 1954: 468; Mayne & Donis 1951: 333; Schmitz & Crisinel 1957: 12. **(ec)** Mayne & Donis 1951: 33, 334; Schedl 1958d: 192. **(hb)** Schmitz & Crisinel 1957: 12. **(ds)** Hargreaves 1937: 509. **(tx)** Eggers 1924: 104; Numberg 1960a: 291, 1961b: 609; Schedl 1950c: 204, 1950d: 7, 15, 25, 1952g: 51, 1954e: 50, 70, 1957d: 12, 54,

1959q: 707, 1961k: 610, 1962k: 1070, 1965g: 20, 1979c: 119; Wood, S. L. 1957e: 1273, 1972f: 51.

hispidus Eggers 1925: 156 (*Stephanoderes*). Lectotype, sex?; Birma and India orient, both probably from Tenasserim; Eggers Collection, in NHMW, Wien, designated by Schedl 1979c: 119.

References: **(bv)** Schedl 1960f: 30. **(hb)** Browne 1961c: 78. **(ds)** Bredo 1934: 18; Browne 1961c: 78–79; Ghesquiere 1933a: 26–36, 1933b: 775–782; Hagedorn 1910d: 43; Lepesme 1948: 145; Schedl 1951c: 69, 1959a: 479, 1960f: 30, 1961j: 504, 1962i: 74, 1964c: 305, 1966b: 25. **(tx)** Eggers 1925: 156; Hagedorn 1910a: 86; Nobuchi 1983: 300; Schedl 1950c: 204, 1950d: 3, 17, 1950f: 36, 1953c: 288, 1954d: 871, 1954e: 50, 62, 1959a: 478–479, 1961k: 504, 1979c: 119; Wood, S. L. 1960a: 41–42.

heterolepsis Costa Lima 1928: 117. Syntypes, sex?; Bahia, Brasil; Colleeao Entomologica do Instituto, Brazil. Synonymy: Wood 1972f: 52. References: **(cn)** Costa Lima 1956. **(hb)** Costa Lima 1956. **(ds)** Blackvelder 1947; Costa Lima 1936, 1956; Kleine 1934a: 145; Schedl 1967d: 2, 1973d: 155. **(tx)** Costa Lima 1928: 117, 1956; Schedl 1948d: 35, 1951m: 71–73, 1952k: 159–160; Wood, S. L. 1972f: 52.

capitalis Beeson 1935: 102. Lectotype ♀; Hakehetan Valley 1000 feet, Uahuka; Vaipall Valley 800 feet, Marquesas Islands; BPBM, Honolulu. Synonymy: Wood 1982b: 906.

References: **(tx)** Beeson 1935: 102–103, 1938b: 289, 1940: 193; Wood, S. L. 1960a: 42, 1982b: 906.

eupolyphagus Beeson 1940: 193. Holotype ♀; Dehra Dun, United Provinces, India; FRI, Dehra Dun. Synonymy: Wood 1960a: 41.

References: **(cn)** Mathur & Singh 1960b: 86, 1961a: 13, 1961b: 13; Roonwal 1954: 37. **(ds)** Beeson 1938b: 298, 1961: 288; Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1960b: 86, 1961a: 13, 1961b: 13; Roonwal 1954: 37. **(tx)** Beeson 1940: 193–195; Wood, S. L. 1960a: 41–42.

subvestitus Eggers 1940c: 232 (*Stephanoderes*). Holotype ♀; Mosolo Kwenge, Kwango, Congo; MRCB, Tervuren. Synonymy: Wood 1972f: 52.

References: **(cn)** Alvarado 1939b; Ghesquiere 1933a; Schmitz & Crisinel 1957: 12. **(ec)** Bredo 1934: 3–20, 1939: 266–307. **(hb)** Alvarado 1939b; Schmitz & Crisinel 1957: 12. **(ds)** Ghesquiere 1933a; Lepesme 1948: 145; Mayne & Donis 1962: 308; Roba 1935: 340; Thompson, G. H. 1963: 47. **(tx)** Eggers 1940c: 232; Lepesme 1948: 145; Schedl 1950c: 204, 1950d: 3, 17, 1954d: 871, 1954e: 49–50, 1959a: 478, 1961k: 504; Wood, S. L. 1972f: 51.

- bambesanus* Eggers 1940c: 232 (*Stephanoderes*). Holotype ♀; Congostaat: Bambesa; MRCB, Tervuren, 1 Eggers cotype in NHMW, Wien. Synonymy: Wood 1989: 173. References: (tx) Eggers 1940c: 232; Schedl 1950d: 3, 1961k: 469, 1979c: 33; Wood, S. L. 1989: 173.
- martiniquensis* Eggers 1941a: 99 (*Stephanoderes*). Holotype ♀; St. Pierre, Martinique; USNM, Washington. Synonymy: Wood 1972f: 52. References: (ds) Bright 1985c: 175. (tx) Anderson, W. H. & Anderson 1971: 19; Bright 1985c: 175; Eggers 1941a: 99; Schedl 1951m: 72, 1979c: 149; Wood, S. L. 1972f: 51.
- oahuensis* Schedl 1941f: 110. Syntypes ♀; Punaluu, Oahu, Hawaiian Islands; BPBM, Honolulu. Synonymy: Wood 1960a: 41–42. References: (ds) Swezey 1941: 118. (tx) Schedl 1941f: 110, 1951k: 134, 1979c: 36; Wood, S. L. 1960a: 41–42.
- subglabratus* Schedl 1942c: 174. Holotype, sex?; Fiji; Schedl Collection in NHMW, Wien. Synonymy: Beaver 1991: 92. References: (ds) Browne 1974a: 64. (tx) Beaver 1991: 92; Schedl 1942c: 174, 1950f: 38, 1953c: 292, 1979c: 241.
- bauhaniae* Schedl 1950d: 19. Lectotype, sex?; Sierra Leone, Njala; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 36. Synonymy: Wood 1989: 173. References: (hb) Schedl 1961k: 470. (ds) Beaver & Loytyniemi 1955a: 79; Browne 1980b: 382; Schedl 1961k: 470, 1962h: 58, 1962k: 1068. (tx) Schedl 1950d: 19, 1952j: 2, 1957d: 10, 1961k: 470, 1979c: 36; Wood, S. L. 1989: 173.
- occidentalis* Schedl 1954e: 76 (*Stephanoderes*). Lectotype, sex?; Mpraeso [Ghana]; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 177. Synonymy: Wood 1989: 173. References: (hb) Thompson, G. H. 1963: 66. (ds) Schedl 1961k: 608; Thompson, G. H. 1963: 66. (tx) Browne 1965: 188; Schedl 1954e: 49, 76, 1961k: 608, 1979c: 177; Wood, S. L. 1989: 173.
- artocarp* Browne in Beaver & Browne 1978: 588. Holotype ♀; Malaysia: Penang, Penang Hill, 1500 feet; BMNH, London. Figures: Beaver & Browne 1978: 576. Distribution: Asia (Malaya/ Thailand). Hosts: *Artocarpus elastica*, *A. lanceifolius*, *A. rigidus*, *A. scortechinii*, *A. sticus*, *A.* sp., *Campnosperma* sp. References: (ec) Beaver 1979b: 298. (hb) Beaver 1979b: 298; Beaver & Browne 1978: 588. (ds) Beaver 1990a: 280. (tx) Beaver & Browne 1978: 576; Browne 1978: 588.
- arundinis* (Eichhoff) 1878b: 157 (*Stephanoderes*). Holotype, sex?; Italis (Pedemontina); IRSNB, Brussels. Distribution: Europe (Italy). References: (ec) Kleine 1908c: 187. (hb) Eichhoff 1881a: 47, 191. (ds) Hagedorn 1910d: 40–41; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Kleine 1913b: 121; Reitter 1894a: 73; Stein & Weise 1877: 164; Tredl 1907: 13. (tx) Eichhoff 1878a: 386, 1878b: 157, 1881a: 47, 185, 191, 1883a: 110, 134; Hagedorn 1910a: 85; Hopkins 1914b: 23, 1915b: 23; Reitter 1894a: 73, 1913a: 72; Schedl 1934f: 1640.
- ascitus* Wood 1971: 35. Holotype ♀; Puerto Viejo, Heredia Prov., Costa Rica; Wood Collection. Distribution: North America (Costa Rica/ Panama). References: (hb) Wood, S. L. 1982b: 898. (ds) Wood, S. L. 1982b: 898. (tx) Wood, S. L. 1971: 35, 1982b: 898.
- ater* (Eggers) 1932c: 31 (*Stephanoderes*). Holotype, sex?; Congostaat (Aruwimi: N' Gazi); MRCB, Tervuren. Figures: Nunberg 1965b: 31. Distribution: Africa (Congo/ Fernando Po/ Gabon/ Ghana/ Ivory Coast/ Nigeria/ Sierra Leone/ Zaire). Hosts: *Bauhinia tomentosa*, *Caloncoba welwitschii*, *Carapa procera*, *Chrysophyllum lacourtianum*, *Pascovia* spp., *Pentaclethra macrophylla*, *Piptadenia africana*, *Theobroma cacao*. References: (cn) Ghesquiere 1933a: 31–36, 1933b: 782, 786; Gregory 1954. (ec) Schedl 1958d: 192. (hb) Roberts 1969: 129; Schedl 1961k: 448. (ds) Ghesquiere 1933a: 31–36, 1933b: 782, 786; Kleine 1934: 145; Mayne & Donis 1962: 313; Nunberg 1965b: 31; Schedl 1961k: 448, 1971g: 192, 1972e: 280. (tx) Eggers 1927b, 1932c: 31–32; Nunberg 1965b: 23, 31; Schedl 1939i: 380–381, 1950d: 20, 1961k: 448, 1962p: 204, 1965g: 23.
- atterimulus* Wood 1989: 178. Holotype, sex?; Ruanda: Ihembe; MRCB, Tervuren, automatic. Distribution: Africa (Ruanda in Zaire). Hosts: *Microglossa volubilis*. References: (tx) Wood, S. L. 1989: 178, 1992b: 79.
- atterimus* Schedl 1957d: 59 (*Lepiceroides*). Holotype, sex?; Ruanda: Ihembe; MRCB, Tervuren, preoccupied by Schedl 1951. References: (ec) Schedl 1958d: 192. (tx) Schedl 1951m: 104, 1957d: 59, 1961k: 636, 1979c: 30; Wood, S. L. 1989: 178, 1992b: 79.
- atterimus* (Schedl) 1951m: 104 (*Stephanoderes*). Syntypes, sex?; Bolivien, Cochabamba; Schedl Collection in NHMW, Wien. Distribution: South America (Bolivia). Notes: (1) Schedl 1979c: 30 (citation of holotype invalid). References: (hb) Schedl 1961k: 636. (ds) Schedl 1961k: 636. (tx) Schedl 1951m: 104, 1957d: 59, 1961k: 636, 1979c: 30.

atratus (Schedl) 1964j: 45 (*Stephanoderes*). Holotype, sex?; Congo, Yangambi; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

Hosts: *Theobroma cacao*.

References: (tx) Schedl 1964j: 45, 1979c: 30–31.

balachowskyi Menier 1973: 141. Holotype ♂; Madagascar Sud, 25 km a l'Est de Tulear sur la route de Tananarive; MNHN, Paris.

Distribution: Madagascar.

Hosts: *Euphorbia onocladia*.

References: (tx) Menier 1973: 141.

baloghi (Schedl) 1967e: 226 (*Stephanoderes*). Holotype ♀; Kindamba, Meva, Louolo River, Congo; NHMB, Budapest.

Distribution: Africa (Zaire).

References: (tx) Schedl 1967e: 226–227, 1979c: 33.

bambusae Browne 1980: 775. Holotype, sex?; Zaire: Kilindera, 2750 m, face N. Ruwenzori; BMNH, London.

Distribution: Africa (Zaire).

Hosts: Bamboo.

References: (tx) Browne 1980: 775.

bauhaniae Schedl 1950d: 20 (*Stylotenus*). Lectotype, sex?; Sierra Leone, Njala; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 36.

Distribution: Africa (Ghana/ Ivory Coast/ Sierra Leone/ Zaire).

Hosts: *Bauhania tomentosa*, *Manihot utilissima*, *Saccharum spontaneum*.

References: (tx) Browne 1965: 188; Schedl 1950d: 19–20, 1952g: 51, 1952j: 2, 1957d: 10, 1961k: 451, 470, 1962k: 1068, 1979c: 36.

bezaziani Peyerimhoff 1935: 192. Syntypes 6, sex?; Perregaux (dep d'Oran), Algeria, Maison-Blanche pres Alger; MNHN, Paris.

Distribution: Africa (Algeria).

Hosts: *Epischlia* sp., *Juglans nigra*.

References: (ds) Peyerimhoff 1935: 192. (tx) Balachowsky 1949a: 205; Peyerimhoff 1935: 192–193.

bicinctus Schedl 1959a: 479. Syntypes ♀; Ceylon: Millawitiya Estate; Schedl Collection in NHMW, Wien.

Distribution: Sri Lanka.

Notes: (1) Schedl 1979c: 37 (citation of holotype invalid).

References: (ds) Schedl 1959a: 479. (tx) Schedl 1959a: 479, 1979c: 37.

bidens Browne 1973a: 288. Holotype ♀; Zaire: Lovanium (Kinshasa); MRCB, Tervuren.

Distribution: Africa (Zaire).

References: (tx) Browne 1973a: 288.

birmanus (Eichhoff) 1878b: 486 (*Triarmocerus*). Holotype ♀; Birma; Dohrn Collection at Stettin Museum, now in Schedl Collection in NHMW, Wien.

Figures: Maiti & Saha 1986: 163 (adult).

Distribution: Antilles Islands (Cuba/ Jamaica),

Asia (Bangladesh/ Bonin Islands/ Burma/ Hong Kong in China/ Andaman Islands, Madhya Pradesh, Uttar Pradesh in India/ Japan/ Malaya/ Pakistan/ Sri Lanka/ Thailand/ Vietnam), Australia (Queensland), Cook Islands (Barotonga), Fiji Islands, Indonesia (Sarawak in Borneo, Celebes, Java, Sumatra), Hawaiian Islands, Madagascar, Micronesia (Guam), New Caledonia, New Guinea, Niue Island, North America (Costa Rica/ Colima in Mexico/ Panama/ Florida in USA), Philippine Islands, Samoan Islands, Society Islands, South America (Galapagos Islands).

Hosts: *Acras sapota*, *Adenanthera pavonia*, *Annona* sp., *Ardesia paniculata*, *Cassia florida*, *Dalbergia gastrophylloides*, *Eucalyptus trachyphloia*, *Eugenia buxifolia*, *Ficus aurea*, *Litchi chinensis*, *Mangifera indica*, *Melia azedarack*, *Ocotea catesbyana*, *Persea borbonica*, *Phelocarpus septentrionalis*, *Prunus domestica*, *Quercus* spp., *Rhizophora mangle*, *Sweetenia macrophylla*, *Trema floridana*, *Vitis* sp.

Notes: (3) Schedl 1942b: 148 (holotype compared to specimen from Guam).

References: (bv) Gray, B. 1974c. (cn) Anonymous 1966j, 1967m, 1969g; Bigger 1982: 257; Browne 1968: 353; Low Chong Moi 1975. (ec) Equihua & Atkinson 1986: 630. (hb) Beaver 1976b: 534, 1987a: 18; Beaver & Browne 1978: 589; Beaver & Loytyniemi 1985a: 80; Browne 1961c: 71, 1968: 353; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 630; Gray, B. 1974c; Kalshoven 1958b: 168; Schedl 1977a: 65; Yunus & Hua 1980: 229. (ds) Anonymous 1966j, 1967m, 1969g, 1974j; Atkinson & Equihua 1985c: 356; Beaver 1976b: 534, 1987a: 18, 1987b: 64; Beaver & Browne 1978: 589; Beaver & Loytyniemi 1985a: 80; Beeson 1933: 11, 1938: 288–289, 1940: 197–198, 1941: 387; Blackburn & Sharp 1885: 192–194; Bright 1972d: 53, 1985c: 174; Browne 1961c: 71, 1965b: 188, 1968: 353, 1970: 556, 1974a: 64, 1984a: 353; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 630; Funasaki 1967: 332; Hagedorn 1910d: 44, 46; Kleine 1913b: 126, 1914b: 278; Low 1975; Maiti & Saha 1986: 162; Mathew 1982, 1987: 188; Murayama 1934: 287–288, 1936: 127, 1939: 237; Nobuchi 1985c: 15; Nobuchi & Ono 1973: 181; Perkins 1900: 180; Peter, Bagle, & Balasubramanian 1984; Schedl 1934f: 1640, 1960f: 172, 1962b: 186, 1964c: 304, 1965g: 25, 1966b: 28, 1977a: 65; Swezey 1954: 145; Wood, S. L. 1957c: 402, 1960a: 35, 1977a: 70, 1982b: 886; Yunus & Hua 1980: 229. (tx) Blandford 1894c: 579; Bright 1972d: 53, 1985c: 174; Browne 1970: 556; Costa Lima 1928: 123, 1936: 357; Eggers 1925: 153, 1927: 406, 1935: 153; Eichhoff 1878a: 384, 1878b: 486; Hagedorn 1910a: 81; Hopkins 1915b: 23–24; Maiti & Saha 1986: 162; Michalski 1969b: 570; Nobuchi 1983: 300; Sampson 1914: 379; Schedl 1934g: 177, 1939e: 327, 1939f: 34–35, 1940a: 322, 1941f: 111,

1942b: 147–148, 1951k: 135, 1960c: 172, 1962r: 89, 1965g: 25, 1967f: 163, 1971a: 274, 1971c: 272, 1971f: 148, 1977a: 65, 1979c: 40; Wood, S. L. 1957c: 402, 1960a: 35–37, 1972f: 43, 1982b: 886.

maculicollis Sharp 1879: 101. Syntypes, sex?; Oahu, Hawaiian Islands; BMNH, London. Synonymy: Browne 1970: 556, Wood 1972f: 43. References: (ds) Beeson 1938b: 289; Brimblecombe 1953: 26; Hagedorn 1910d: 44; Kleine 1913b: 124, 1914b: 302; Perkins 1900: 180; Swezey 1941: 119, 1954: 145. (tx) Browne 1970: 556; Hagedorn 1910a: 87; Hopkins 1915b: 23; Schedl 1934g: 177, 1941f: 111, 1951k: 135; Sharp 1879: 101, 1892: 194; Wood, S. L. 1960a: 37, 1972f: 43.

peritus Blandford 1894d: 84. Holotype ♀; Nagasaki, Japan; BMNH, London. Synonymy: Browne 1970: 556.

References: (cn) Ebeling 1959. (ds) Blandford 1894c; Ebeling 1959; Hagedorn 1910d: 44; Kleine 1913b: 121, 1914b: 251; Lever 1943a: 82; Murayama 1936a: 127, 1951c: 3, 1954b: 199; Nobuchi 1966b: 22. (tx) Blandford 1894d: 84; Browne 1970: 556; Hagedorn 1910a: 87; Hopkins 1915b: 24; Murayama 1934c: 287–288, 1936a: 127, 1953: 10, 1954b: 199; Nobuchi 1966b: 22; Schedl 1934f: 1640.

farinosus Blandford 1896f: 241. Syntypes 2, sex?; Noumea [New Caledonia]; BMNH, London. Synonymy: Browne 1970: 556.

References: (ds) Anonymous 1964k, 1965e, 1965g; Beeson 1938b; Hagedorn 1910d: 43; Kleine 1913b: 124, 1914b: 301; Nakao 1965: 30. (tx) Blandford 1896f: 241; Browne 1970: 556; Hagedorn 1910a: 86; Hopkins 1915b: 23.

validus valens Sampson 1914: 385. Holotype ♀; Seychelles. Silhouette: Mare aux Cochons over 100 ft.; BMNH, London.

References: (ds) Sampson 1914: 385. (tx) Browne 1970: 556; Sampson 1914: 385.

perkinsi Hopkins 1915b: 31 (*Stephanoderes*). Holotype ♀; Honolulu, Hawaii; USNM, Washington. Synonymy: Wood 1972f: 43. References: (ds) Kleine 1934a: 145. (tx) Hopkins 1915b: 23, 31; Wood, S. L. 1972f: 43.

sterculiae Hopkins 1915b: 32 (*Stephanoderes*). Holotype ♀; Calapan, P.I.; USNM, Washington. Synonymy: Wood 1972f: 43.

References: (ds) Kleine 1934a: 145; Schedl 1966b: 29. (tx) Beeson 1933: 11; Hopkins 1915b: 24, 32; Nobuchi 1983: 300; Wood, S. L. 1972f: 43.

psidii Hopkins 1915b: 32 (*Stephanoderes*). Holotype ♀; Calapan, P.I.; USNM, Washington. Synonymy: Wood 1972f: 43.

References: (ds) Kleine 1934a: 145; Schedl 1966b: 29. (tx) Beeson 1933: 11; Hopkins 1915b: 24, 32; Nobuchi 1983: 300; Wood, S. L. 1972f: 43.

alter Eggers 1923a: 219 (*Stephanoderes*). Syntypes 10 ♀; New Guinea (Augustafluss),

Ralum, Neu Pommern (New Britannien), Philippinen (Los Banos), Borneo (Sarawak); MNB, Berlin, SMTD, Dresden, MCG, Genova, USNM, Washington. Synonymy: Wood 1960a: 35.

References: (cn) Mathur & Singh 1961a: 79; McIntosh 1949: 46. (hb) Beeson 1933: 11; Yunus & Hua 1980: 229. (ds) Beeson 1933: 11, 1938b: 290, 1961: 298; Mathur & Singh 1961a: 79; Schedl 1959a: 484, 1961c: 71, 1962b: 186; Yunus & Hua 1980: 229. (tx) Beeson 1933: 11; Eggers 1923a: 219, 1927b: 406, 1936d: 624, 628; Michalski 1969b: 570; Schedl 1939e: 327, 329, 1939f: 35, 1939i: 380, 1940b: 434, 1942d: 2–3, 1950f: 37, 45, 1953b: 124, 1958b: 100, 1959a: 484; Wood, S. L. 1960a: 35.

uter Eggers 1923a: 219 (*Stephanoderes*). Syntypes 3, sex?; Neu Guinea (Andai und Waigunina) und Australien (Somerset). Synonymy: Browne 1970: 556.

References: (tx) Beeson 1933: 11; Eggers 1923a: 219, 1936d: 627–628; Schedl 1942d: 19, 1950d: 20.

nibarani Beeson 1933: 10 (*Stephanoderes*). Holotype ♀; Madras: North Salem Division, Jawalagiri; FRI, Dehra Dun. Synonymy: Wood 1989: 174.

References: (cn) Roonwal 1954: 73. (ds) Beeson 1961: 299; Roonwal 1954: 73. (tx) Beeson 1933: 10; Schedl 1940d: 591, 1942c: 178, 1942d: 20; Wood, S. L. 1989: 174.

ampliatus Eggers 1936d: 627 (*Stephanoderes*). Holotype, sex?; Brit. Indien (Mysore: Jakkur); BMNH, London, 1 Eggers cotype, in NHMW, Wien. Synonymy: Wood 1989: 174.

References: (tx) Eggers 1936d: 627–628; Schedl 1979c: 19; Wood, S. L. 1989: 174.

pacificus Beeson 1940: 197 (*Stephanoderes*). Holotype ♀; Henderson Island: northwest side; BPBM, Honolulu. Synonymy: Wood 1960a: 35. References: (tx) Beeson 1940: 197; Wood, S. L. 1960a: 37.

castaneus Wood 1954a: 1027 (*Stephanoderes*). Holotype ♀; Homestead, Florida [USA]; SMUK, Lawrence. Synonymy: Wood 1960a: 35. References: (hb) Wood, S. L. 1953: 135, 1954a: 1027. (tx) Wood, S. L. 1953: 135, 1954a: 1027, 1957c: 402, 1960a: 35–37.

biseriatus (Eggers) 1919: 240 (*Stephanoderes*). Lectotype ♀; Kilossa, Deutsch-Ostafrika; USNM, Washington, designated by Anderson & Anderson 1971: 6.

Distribution: Africa (Cameroon/ Ghana/ Kenya/ Mauritius/ Mozambique/ Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaire), Reunion Island. Hosts: *Acacia sieberiana*, *Albizia* spp., *Baphia pubescens*, *Cassia siamea*, *Chlorophora excelsa*, *Chrysophyllum lacourtianum*, *Dialium pachyphyllum*, *Gilbertiodendron deweerei*, *Hevea*

brasilensis, *Hylo dendron gabunense*, *Musanga cecropioides*, *Paropsia schiebeniana*, *Pentachlethra macrophylla*, *Piptadenia africana*, *Tetrapleura tetraptera*, *Trema guineensis*.

References: **(bv)** Schedl 1960f: 78. **(cn)** Ghesquiere 1933a: 35, 1933b: 782; Mayne & Donis 1951: 333; Schmitz & Crisinel 1957: 12. **(ec)** Mayne & Donis 1951: 33. **(hb)** Schmitz & Crisinel 1957: 12. **(ds)** Gardiner 1957a: 32; Ghesquiere 1933a: 35, 1933b: 782; Kleine 1934a: 145; Mayne & Donis 1962: 311; Schedl 1959q: 705, 1960f: 31, 1961k: 553, 1967e: 221, 1969d: 7, 1977a: 69; Wichmann 1954: 514. **(tx)** Anderson, W. H. & Anderson 1971: 6; Eggers 1919: 240, 1924: 110, 1932c: 31, 1943e: 74; Schedl 1950c: 204, 1950d: 18, 1952j: 8, 1959q: 705, 1961k: 553, 1967e: 211, 1969d: 7–10, 1977a: 69.

bolivianus (Eggers) 1931b: 29 (*Stephanoderes*). Holotype ♀; Cochabamba, Bolivia; USNM, Washington.

Figures: Pedrosa-Macedo & Schonherr 1985: 46. Distribution: North America (Costa Rica), South America (Bolivia/ Brazil).

Hosts: *Guatteria* sp., *Pouteria* sp., *Protium* sp.

References: **(hb)** Beaver 1974a. **(ds)** Beaver 1974a; Blackwelder 1947: 777; Bright 1972d: 56; Nunberg 1958a: 481; Pedrosa-Macedo & Schonherr 1985: 46; Schedl 1966f: 84, 1973d: 154. **(tx)** Anderson, W. H. & Anderson 1971: 7; Bright 1972d: 56; Eggers 1931b: 29, 1934a: 79; Nunberg 1958a: 481; Pedrosa-Macedo & Schonherr 1985: 46; Schedl 1951m: 71, 1979c: 43.

brevicollis (Eggers) 1927a: 177 (*Stephanoderes*). Holotype, sex?; Ostafrika: Kiumba Muansa; Eggers Collection, in NHMW, Wien.

Distribution: Africa (Kenya/ Mozambique/ South Africa/ Tanzania), Madagascar.

References: **(ds)** Schedl 1961k: 555, 1977a: 70. **(tx)** Eggers 1927a: 177, 1935a: 304, 1936c: 36; Schedl 1950d: 18, 1961k: 555, 1977a: 70, 1979c: 46.

brevis (Eggers) 1932c: 30 (*Stephanoderes*). Holotype, sex?; Congostaat (Katanga, Prov. Katanga); MRCB, Tervuren.

Distribution: Africa (Zaire).

References: **(tx)** Eggers 1932c: 30; Schedl 1961k: 555.

brownei Beaver 1991: 53. Holotype ♀; Malaysia: Penang, Georgetown; BMNH, London, automatic.

Figures: Beaver & Browne 1978: 576.

Distribution: Asia (Malaya).

References: **(tx)** Beaver 1991: 53.

striatulus Browne in Beaver & Browne 1978: 584 (*Cryphalomorphus*). Holotype ♀; Malaysia: Penang, Georgetown; BMNH, London, pre-occupied by Schedl 1942.

References: **(tx)** Beaver 1991: 53; Beaver & Browne 1978: 576, 584.

brunneus (Hopkins) 1915b: 31 (*Stephanoderes*). Holotype ♀; Brownsville, Texas [USA]; USNM, Washington.

Figures: Bright 1972d: 59.

Distribution: Antilles Islands (Bahama Islands/ Cuba/ Guadeloupe/ Jamaica/ Puerto Rico/ Trinidad/ Virgin Islands), North America (Honduras/ Colima, Jalisco, Nayarit, Oaxaca, Puebla, Sinaloa, Sonora, Tamaulipas, Veracruz, Yucatan in Mexico/ Panama/ Alabama, Florida, Texas in USA), South America (Galapagos Islands).

Hosts: *Acacia farnesiana*, *Albizia labbekoides*, *Annona* sp., *Ardesia paniculata*, *Bauhinia grandiceps*, *Berria amonilla*, *Cajanus cajan*, *Cantavalia* sp., *Celtis iguana*, *C. lacvigata*, *Clemetis* sp., *Condalia obtusifolia*, *Dalbergia ecastophyllum*, *Ficus* sp., *Galactia spiciformis*, *Ichthiomyelia communis*, *Leucania glauca*, *Lysiloma bahamensis*, *Mimosa* sp., *Ocotea catesbyana*, *Poinsettia heterophylla*, *Serjania* sp., *Trema floridana*, *Vachellia farnesiana*.

References: **(ec)** Equihua & Atkinson 1986: 630. **(hb)** Chamberlin 1939: 309; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 630; Wood, S. L. 1953: 142, 1954a: 1031. **(ds)** Atkinson & Equihua 1985c: 357; Blackwelder 1947: 777; Bright 1972d: 54, 1985c: 174; Chamberlin 1939: 309; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 630, 1988: 209; Ferrer 1942; Kirkendall 1984: 242; Leng 1920: 340; Martorell 1945: 468–469; Wolcott 1936: 317; Wood, S. L. 1977a: 70, 1982b: 910. **(tx)** Bright 1972d: 54, 59, 1985c: 174; Chamberlin 1939: 309; Hopkins 1915b: 23, 31; Schedl 1940a: 342; Wood, S. L. 1953: 142, 1954a: 959, 1018, 1031, 1977b: 208, 1982b: 910.

frontalis Hopkins 1915b: 31 (*Stephanoderes*). Holotype ♀; Brownsville, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1031.

References: **(hb)** Chamberlin 1939: 309. **(ds)** Blackwelder 1947: 778; Chamberlin 1939: 309; Ferrer 1942; Leng 1920: 340. **(tx)** Chamberlin 1939: 309; Hopkins 1915b: 23, 31; Schedl 1940a: 342; Wood, S. L. 1954a: 959, 1031.

cryphalomorphus Schedl 1939n: 14. Holotype ♀; Trinidad, British West Indies; BMNH, London. Synonymy: Wood 1977b: 208.

References: **(ds)** Blackwelder 1947: 777. **(tx)** Schedl 1939n: 14; Wood, S. L. 1977b: 208.

bituberculatus Eggers 1940a: 126 (*Stephanoderes*). Holotype ♀; Env. de Trois Rivières, Guadeloupe; MNHN, Paris. Synonymy: Wood 1977b: 208.

References: **(tx)** Eggers 1940a: 126, 1979c: 41; Wood, S. L. 1977b: 208.

californicus Hopkins 1915b: 19. Holotype ♀; Pomona, California [USA]; USNM, Washington. Distribution: Africa (Liberia), Asia (Israel/ Korea), North America (Michoacan, Mexico, Tamaulipas in Mexico/ California, District of Columbia, Florida, Illinois, Indiana, Kansas, Kentucky, Maryland, Missouri, New Jersey, North Carolina, South Carolina, Tennessee, Texas, Virginia in USA), South America (Brazil).

Hosts: *Aloe vera*, *Bauhinia alba*, *Bidens pilosa*, *Boehmeria scabra*, *Cajanus cajan*, *Cappria bifolia*, *Galactia spiciformis*, *Ipomoea cathartica*, *I. litoralis*, *Iva imbricata*, *Malvastrum* sp., *Mangifera indica*, *Paspalum vaginatum*, *Quisqualis indica*, *Salix babylonica*, *Uniola paniculata*, *Verbena* sp., *Zea mays*.

Notes: (3) This species was probably introduced to America from Africa or SW Asia; synonymy with other species, possibly *leprieuri*, is expected.

References: (ec) Equihua & Atkinson 1986: 631. (hb) Bright & Stark 1973: 69; Burgos & Saucedo 1983: 106; Chamberlin 1939: 294; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 631; Wood, S. L. 1953: 190, 1954a: 1053, 1982b: 897. (ds) Atkinson & Equihua 1985c: 357; Atkinson et al. 1986: 64; Bright & Stark 1973: 69; Burgos & Saucedo 1983: 106; Chamberlin 1939: 294; Choo 1983: 65; Choo & Woo 1985: 164; Choo, Woo, & Park 1983: 174; Deyrup 1981b: 7; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 631; Kirk 1970; Leng 1920: 340; Weber, B. C. & McPherson 1991: 49, 54; Wood, S. L. 1977a: 70, 1982b: 897. (tx) Chamberlin 1939: 294; Choo 1983: 65; Hopkins 1915b: 14, 19; Wood, S. L. 1953: 190, 1954a: 979, 1053, 1972f: 44, 1982b: 897.

tritici Hopkins 1915b: 19. Holotype ♀; Dallas, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1055.

References: (hb) Chamberlin 1939: 295; Wood, S. L. 1953: 192, 1954a: 1055. (ds) Chamberlin 1939: 295; Kleine 1934a: 144; Leng 1920: 340. (tx) Chamberlin 1939: 295; Hopkins 1915b: 14, 19; Wood, S. L. 1953: 192, 1954a: 1055, 1972f: 44.

thoracicus Hopkins 1916: 598. Holotype ♀; Clark Co., Indiana [USA]; USNM, Washington. Synonymy: Wood 1954a: 1055, 1982b: 897.

References: (hb) Chamberlin 1939: 294. (ds) Chamberlin 1939: 294; Leng 1920: 340. (tx) Chamberlin 1939: 294; Hopkins 1916: 598; Wood, S. L. 1954a: 959, 1055.

zeae Schedl 1973d: 169 (*Stephanoderes*). Holotype ♀; Brasilien, Sao Paulo, Pinhal; MZUSP, Sao Paulo. Synonymy: Wood 1989: 174.

References: (ds) Schedl 1973d: 155, 169, 1979c: 270; Wood, S. L. 1989: 174.

camerunus (Eggers) 1922b: 167 (*Stephanoderes*). Holotype, sex?; Joko (Kamerun); Eggers Collection.

Figures: Nunberg 1960a: 290, 292, 1960b: 29.

Distribution: Africa (Angola/ Cameroon/ Congo/ Ghana/ Ivory Coast/ Sierra Leone/ Tanzania/ Uganda/ Zaire).

Hosts: *Acacia* spp., *Albizia* spp., *Baphia pubescens*, *Celtis soyauxii*, *Chrysophyllum* sp., *Dialium* sp., *Gilbertiodendron* sp., *Hevea* sp. See also Browne 1963a: 233.

Notes: (1) Neither Anderson & Anderson 1971 nor Schedl 1979c mention this holotype; however, Schedl 1979c: 51 mentions a cotype in NHMW, Wien, although no cotypes were designated. This specimen could be the type on loan to Schedl.

References: (hb) Browne 1963a: 223; Schedl 1961k: 555; Thompson, G. H. 1963: 66. (ds) Browne 1955: 188, 1963a: 233; Ferreira 1965: 1114; Gardner 1957a: 32; Mayne & Donis 1960: 104, 1962: 311; Schedl 1959p: 17, 1961k: 555, 1964j: 40, 1965f: 4, 1967e: 211; Thompson, G. H. 1963: 66. (tx) Eggers 1922b: 167, 1924: 111, 1927a: 198, 1941a: 99; Schedl 1954e: 49–50, 1961k: 555, 1962h: 69, 1962k: 1069, 1979c: 51.

brunniceps Nunberg 1960a: 289 (*Stephanoderes*).

Holotype, sex?; Uganda: Bugiri, 1400 m; MRCB, Tervuren. Synonymy: Schedl 1962k: 1069.

References: (tx) Nunberg 1960a: 289–290, 292, 1960b: 29; Schedl 1962h: 64, 1962k: 1069.

carbonarius (Eggers) 1943e: 73 (*Stephanoderes*).

Holotype ♀; Mozambique (Vila Pery); MNHN, Paris, 1 Eggers cotype, in NHMW, Wien.

Distribution: Africa (Mozambique/ South Africa).

Hosts: *Gossypium hirsutum*.

References: (ds) Schedl 1982: 278. (tx) Eggers 1943e: 73; Schedl 1950d: 24, 1957b: 150, 1961k: 557, 1979c: 53.

ceibae Hopkins 1915b: 20. Holotype ♀; Cayamas, Cuba; USNM, Washington.

Distribution: Antilles Islands (Cuba/ Granada/ Puerto Rico).

Hosts: *Ceiba* sp.

References: (ds) Blackwelder 1947: 777; Bright 1985c: 174; Kleine 1934a: 143; Leng & Mutchler 1917: 219. (tx) Bright 1985c: 174; Hopkins 1915b: 15, 20.

colae (Schedl) 1957d: 54 (*Stephanoderes*). Holotype ♀; Congo Belge: Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Cola congolana*, *C. griseiflora*, *Duboscia viridiflora*.

References: (ec) Schedl 1958d: 190–191. (hb) Schedl 1961k: 558. (ds) Schedl 1961k: 558. (tx) Schedl 1957d: 54, 1961k: 558, 1979c: 59.

columbi Hopkins 1915b: 18. Holotype ♀; Columbus, Texas [USA]; USNM, Washington.

Distribution: Antilles Islands (Bahama Islands/ Cuba), North America (Belize/ Costa Rica/ Colima, Nayarit, Sinaloa, Veracruz in Mexico/ Panama/ Florida, Georgia, Louisiana, Mississippi,

- South Carolina, S Texas in USA), South America (Colombia/ Venezuela).
- Hosts: *Bauhinia alba*, *Citrus auratifolia*, *Ficus* sp., *Ichthyomethia communis*, *Morus rubra*, *Quercus* spp., *Salix* sp., *Serjania* sp.
- References: **(ec)** Equihua & Atkinson 1986: 631. **(hb)** Chamberlin 1939: 294; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 631; Wood, S. L. 1953: 208, 1954a: 1062. **(ds)** Atkinson & Equihua 1985c: 357; Bright 1985c: 174; Chamberlin 1939: 294; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 631; Estrada & Atkinson 1988: 209; Kirkendall 1984: 242; Leng 1920: 340; Wood, S. L. 1977a: 70, 1982b: 907. **(tx)** Bright 1985c: 174; Chamberlin 1939: 294; Hopkins 1915b: 14, 18; Wood, S. L. 1953: 208, 1954a: 959, 1062, 1982b: 907.
- abdominalis* Hopkins 1915b: 18. Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1954a: 1062.
- References: **(ds)** Blackwelder 1947: 777; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 14, 18; Wood, S. L. 1954a: 1062.
- brunneipennis* Hopkins 1915b: 18. Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1954a: 1062.
- References: **(ds)** Blackwelder 1947: 777; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 14, 18; Wood, S. L. 1954a: 959, 1062.
- rufopalpiatus* Hopkins 1915b: 18. Holotype ♀; Charleston, South Carolina [USA]; USNM, Washington. Synonymy: Wood 1954a: 1062.
- References: **(hb)** Chamberlin 1939: 294. **(ds)** Blatchley & Leng 1916: 598; Chamberlin 1939: 294; Kirk 1969; Kleine 1934a: 144; Leng 1920: 340. **(tx)** Blatchley & Leng 1916: 598; Chamberlin 1939: 294; Hopkins 1915b: 14, 18; Wood, S. L. 1954a: 959, 1062.
- amplipennis* Hopkins 1915b: 19. Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1954a: 1062.
- References: **(cn)** Souphieff & Scherbinovskaja 1937: 81. **(ds)** Blackwelder 1947; Leng & Mutchler 1917: 219; Souphieff & Scherbinovskaja 1937: 81. **(tx)** Hopkins 1915b: 14, 19; Wood, S. L. 1954a: 1062.
- comosus** Bright 1972d: 50. Holotype ♀; Clydesdale, St. Andrew Parish, Jamaica; CNCI, Ottawa.
- Distribution: Antilles Islands (Jamaica).
- References: **(ds)** Bright 1985c: 174. **(tx)** Bright 1972d: 50, 1985c: 174; McNamara 1977: 196.
- concolor** Hagedorn 1909a: 744. Syntypes, sex?; Kamerun; MNB, Berlin.
- Figures: Schedl 1961k: 452.
- Distribution: Africa (Cameroon/ Canary Islands/ Congo/ Ghana/ Ivory Coast/ Uganda/ Zaire).
- Hosts: *Aucoumea klaineana*, *Bussea occidentalis*, *Pancovia laurentii*, *Pentaclethra macrophylla*, *Synsepalum longecuneatum*, *Terminalia superba*, *Theobroma cacao*.
- References: **(cn)** Ghesquiere 1933a: 32–36, 1933b: 783, 786; Magnin 1954: 468. **(hb)** Browne 1963: 234; Roberts 1969: 129; Schedl 1961k: 451. **(ds)** Browne 1963a: 234, 1970: 540; Ghesquiere 1933a: 32–36, 1933b: 783, 786; Hagedorn 1910d: 41; Kleine 1913b: 124, 1914b: 310; Mayne & Donis 1962: 314; Schedl 1961k: 451, 1962h: 58, 1962k: 1068, 1964f: 618. **(tx)** Eggers 1919: 243, 1924: 102, 1932c: 31–32; Hagedorn 1909a: 744, 1910a: 86; Schedl 1939i: 380–381, 1950d: 20, 1954d: 871, 1961k: 451–452, 634.
- confusus** (Eggers) 1940c: 235 (*Stephanoderes*). Holotype, sex?; S. Rhodesia; Salisbury; Eggers Collection, in NHMW, Wien.
- Distribution: Africa (Namibia/ South Africa/ Tanzania/ Zambia/ Zimbabwe).
- References: **(ds)** Beaver & Loytyniemi 1989; Schedl 1961k: 560. **(tx)** Beaver & Loytyniemi 1989; Eggers 1940c: 235; Schedl 1957b: 150, 1961k: 560, 1979c: 62.
- corni** Kurenzov 1941a: 162. Syntypes, sex?; Inan and Khor rivers, Ussuri, USSR; ISBN, Novosibirsk, and IZL, Leningrad.
- Figures: Michalski 1969b: 568.
- Distribution: Asia (Sakhalin Island, E USSR).
- Hosts: *Cornus tataricum*.
- Notes: (1) Two specimens deposited by Kurenzov in the Wood Collection are of *Ernoporicus* [confirmation is needed].
- References: **(cn)** Kurenzov 1956a: 86, 102. **(hb)** Stark 1952: 283. **(ds)** Krivolutskaia 1958: 139, 1983; Kurenzov 1951b: 17; Stark 1952: 283. **(tx)** Kurenzov 1941a: 162–163; Michalski 1969a: 893, 1969b: 568; Stark 1952: 283.
- cosmoderoides** Murayama 1961b: 30. Holotype ♀; Noo, south part of Niigata prefecture, Japan; Murayama Collection in USNM, Washington.
- Distribution: Asia (Honshu in Japan).
- References: **(ds)** Nobuchi 1985c: 15. **(tx)** Murayama 1961b: 30.
- costatus** (Eichhoff) 1878a: 386 (*Stephanoderes*). Syntypes, sex?; America septentrionalis (Venezuela); Hamburg Museum, lost.
- Distribution: South America (Venezuela).
- References: **(ds)** Blackwelder 1947: 777; Hagedorn 1910d: 41; Kleine 1913b: 121, 1914b: 339. **(tx)** Eichhoff 1878a: 386, 1878b: 154; Hagedorn 1910a: 86; Hopkins 1915b: 24.
- criticus** (Schedl) 1937b: 398 (*Cryphalus*). Lectotype, sex?; Belgisch-Kongo, Stanleyville; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 70.
- Distribution: Africa (Cameroon/ Ghana/ Uganda/ Zaire).
- Hosts: *Beilschmiedia corbisieri*, *Paropsia schiebeniana*, *Theobroma cacao*, *Tridesmostemon claessensii*.

References: (**hb**) Schedl 1961k: 453–454. (**ds**) Mayne & Donis 1962: 314; Schedl 1961k: 453, 1964f: 618, 1967e: 210, 1972e: 280. (**tx**) Schedl 1937b: 398, 1957d: 10, 1961k: 453, 1972p: 155, 1979c: 70.

alternans Browne 1970: 554. Holotype ♀; Uganda, Entebbe; BMNH, London. Synonymy: Schedl 1972p: 155.

References: (**tx**) Browne 1970: 554; Schedl 1972p: 155.

crudiæ (Panzer) 1791: 35 (*Bostrichus*). Syntypes, sex?, India occidentali; lost.

Figures: Schedl 1961k: 611.

Distribution: Africa (Angola/ Cameroon/ Cape Verde Islands/ Congo/ Dahomey/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Nigeria/ Sierra Leone/ South Africa/ Uganda/ Zaïre), Antilles Islands (Cuba/ Grenada/ Puerto Rico/ Trinidad), Asia (Malaya/ Sri Lanka/ Thailand/ Vietnam), Cook Islands (Rarotonga), Hawaiian Islands, Indonesia (Java), Madagascar, Marquesas Islands, Micronesia, North America (Costa Rica/ El Salvador/ Guatemala/ Honduras/ all states in Mexico/ Nicaragua/ Alabama, Arkansas, District of Columbia, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Mississippi, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, West Virginia in USA), South America (Argentina/ Bolivia/ Brazil/ Colombia/ Ecuador/ Guyana/ Paraguay/ Suriname/ Venezuela).

Hosts: *Abutilon mollissimum*, *Acacia farnesiana*, *Achras sapota*, *Adenanthera pavonina*, *Aloe vera*, *Astragalus* sp., *Bauhinia grandiceps*, *B. krugi*, *Betula* sp., *Bidens pilosa*, *Bignonia* sp., *Boehmeria scabra*, *Bucida buceras*, *Busera* sp., *Carica papaya*, *Carya* spp., *Cassia nodosa*, *Cinnamomum camphora*, *Citrus* sp., *Clerodendron squamatum*, *Crataegus* sp., *Dalbergia ecastophyllum*, *Derris* sp., *Dioclea megacarpa*, *Diplysia robinoides*, *Dolonix regia*, *Ficus* spp., *Glycine max*, *Grewia asiatica*, *Inga* sp., *Juglans nigra*, *Magnolia* sp., *Mangifera indica*, *Morus rubra*, *Passiflora latifolia*, *Phalocarpus septentrionis*, *Pinus taeda*, *Prunus persica*, *Pyrus malus*, *Quercus* spp., *Quisqualis indica*, *Rhizophora mangle*, *Richinus communis*, *Schleichera trifuga*, *Serjania racemosa*, *Sida rhombifolia*, *Smilax* sp., *Theobroma cacao*, *Wisteria* sp., *Yucca* sp.

Notes: (1) Identification of this species was based on specimens compared to the types by Eggers before they were lost. Published reports of this species from India and other parts of Asia are apparently based on misidentifications.

References: (**cn**) Smith, J. B. 1900: 362. (**ec**) Equihua & Atkinson 1986: 631; Halperin & Holzschuh 1986: 26. (**hb**) Beaver & Browne 1975: 290; Burgos & Saucedo 1983: 105; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986:

631; Halperin & Holzschuh 1984: 26; Wood, S. L. 1953: 163, 1954a: 1041, 1982b: 891. (**ds**) Atkinson & Equihua 1985c: 357; Beaver & Browne 1975: 290; Blackwelder 1947: 777; Bright 1985c: 174; Browne 1974a: 64, 1985b: 291; Burgos & Saucedo 1983: 105; Deyrup 1981b: 7; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 631, 1988: 209; Hagedorn 1910d: 43; Halperin & Holzschuh 1984: 26; Kirkendall 1984: 241; Smith, J. B. 1900: 362; Weber, B.C. & McPherson 1991: 54; Wood, S. L. 1977a: 71, 1983: 105. (**tx**) Bright 1985c: 174; Eggers 1931c: 184; Eichhoff 1896: 608; Panzer 1791: 35, 37; Schedl 1938i: 24; Wood, S. L. 1953: 163, 1954a: 1041, 1972f: 44, 1982b: 891.

mucronifer Wollaston 1867: 116 (*Cryphalus*). Syntypes, sex?, S. Antao, S. Vicente, S. Iago, et Fogo, Cape Verde Islands; BMNH, London. Synonymy: Wood 1989: 174.

References: (**cn**) Souphieff & Scherbinovskaja 1937: 36. (**ds**) Gemminger & Harold 1872: 2683; Hagedorn 1910d: 44; Kleine 1913b: 118, 1914b: 379; Souphieff & Scherbinovskaja 1937: 26. (**tx**) Hagedorn 1910a: 87; Wollaston 1867: 116; Wood, S. L. 1989: 174.

hispidulus LeConte 1868: 156 (*Cryphalus*). Syntypes, sex?, District of Columbia, Georgia, Louisiana [USA]; MCZ, Cambridge. Synonymy: Eichhoff 1896: 608.

References: (**cn**) Funk 1907: 217; Kleine 1932a: 302. (**hb**) Beal & Massey 1945: 118–119; Blackman 1922b: 84; Chamberlin 1939: 289; Costa Lima 1928b: 118–120; Kleine 1932a: 302; Morstatt 1924: 45; Smith, J. B. 1890b: 54. (**ds**) Anonymous 1926c: 518; Beal & Massey 1945: 118–119; Blackman 1922b: 84; Blackwelder 1947: 778; Blatchley & Leng 1916: 596; Britton 1920a; Chamberlin 1939: 289; Costa Lima 1936; Currie 1905; Gemminger & Harold 1872: 2688; Hagedorn 1910d: 43; Hamilton 1888: 158, 1894: 406; Henshaw 1882: 269; Kleine 1913b: 121, 1914b: 385, 1932a: 302, 1934a: 145; Leng 1920: 339; Leonard 1928: 518; Pfeffer 1932: 1–23; Schwarz 1878d: 468; Smith, J. B. 1890b: 54, 1900: 362, 1910: 401; Swaine 1909: 118. (**tx**) Beal & Massey 1945: 118–119; Blackman 1922b: 84; Blandford 1894b: 263; Blatchley & Leng 1916: 596; Chamberlin 1939: 289; Eichhoff 1878b: 136, 1896: 608, 610; Fauvel 1884, 1887; Hopkins 1915b: 13; LeConte 1868: 156, 1876: 355, 1878a: 468; Muesebeck 1942: 97, 1950: 133; Sharp 1879: 102; Swaine 1909: 118; Wood, S. L. 1954a: 959, 1041, 1972f: 44.

nanus Hagedorn 1909a: 744. Syntypes ♀; Argentina; La Plata Museum. Synonymy: Schedl 1952k: 162.

References: (**hb**) Viana 1964: 122. (**ds**) Blackwelder 1947: 777; Bruch 1914a; Hagedorn 1910d: 44; Kleine 1913b: 124, 1914b: 333; Viana

- 1964: 122. **(tx)** Hagedorn 1909a: 744, 1910a: 87; Hopkins 1915b: 23; Schedl 1938i: 24, 1948d: 36, 1948f: 363, 1951h: 284, 1951m: 71–73, 1952a: 446, 1952k: 159–162, 1958f: 34.
- differeus* Hopkins 1915b: 25 (*Stephanoderes*). Holotype ♀; San Bernardino, Paraguay; USNM, Washington. Synonymy: Wood 1972f: 44.
- References: **(ds)** Blackwelder 1947. **(tx)** Hopkins 1915b: 21, 25; Wood, S. L. 1962: 78, 1967b: 78, 1972f: 44.
- guatemalensis* Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; Treces Aguas, Alta Verapaz, Guatemala; USNM, Washington. Synonymy: Wood 1954a: 1041.
- References: **(cn)** Anonymous 1928d: 14. **(ds)** Blackwelder 1947: 778; Dampf 1928: 14; Ferrer 1942; Kleine 1934a: 145; Wolcott 1936: 317. **(tx)** Hopkins 1915b: 22, 26; Schedl 1940a: 342, 1950c: 206–207; Wood, S. L. 1954a: 1041.
- brasiliensis* Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; Perambuco, Brazil; USNM, Washington. Synonymy: Wood 1954a: 1041.
- References: **(ds)** Blackwelder 1947: 777; Costa Lima 1936; Martorell 1945: 468; Wolcott 1936: 317, 1948: 380. **(tx)** Blackman 1922b: 95; Hopkins 1915b: 22, 26; Wood, S. L. 1954a: 959, 1041.
- paraguayensis* Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; San Bernardino, Paraguay; USNM, Washington. Synonymy: Wood 1972f: 44.
- References: **(ds)** Blackwelder 1947: 778. **(tx)** Hopkins 1915b: 22, 26; Wood, S. L. 1972f: 44.
- lecontei* Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; Jefferson County, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1041.
- References: **(hb)** Chamberlin 1939: 305. **(ds)** Blatchley & Leng 1916: 600; Chamberlin 1939: 305; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Blatchley & Leng 1916: 600; Chamberlin 1939: 305; Hopkins 1915b: 22, 27; Wood, S. L. 1954a: 959, 1041.
- polyphagus* Costa Lima 1924: 316 (*Stephanoderes*). Syntypes, sex?; publication not seen, automatic. Synonymy: Wood 1972f: 44.
- References: **(bv)** Schedl 1960f: 43. **(cn)** Ghesquiere 1933a. **(ec)** Schedl 1961k: 610. **(hb)** Browne 1963a: 234; Schedl 1961k: 610. **(ds)** Browne 1963a: 234; Ghesquiere 1933a; LePelley 1968: 113; Mayne & Donis 1960: 104, 1962: 312; Nonveiller 1984: 41; Nunberg 1961b: 609; Schedl 1960f: 11, 1961k: 610, 1962h: 58, 1962k: 1070, 1964e: 68, 1964j: 41, 1965g: 20; 1966c: 224, 1967e: 212. **(tx)** Costa Lima 1924: 316, 414, 1925: 194–199, 365–368; Schedl 1961k: 610–611; Wood, S. L. 1972f: 44.
- fallax* Costa Lima 1924: 414 (*Stephanoderes*). Syntypes, sex?; publication not seen, automatic. Synonymy: Wood 1972f: 44.
- References: **(cn)** Azavedo 1924a: 359–360; Bondar 1925: 1–13; Kleine 1932a: 302. **(hb)** Kleine 1932a: 145, 302. **(ds)** Kleine 1932a: 145, 302. **(tx)** Costa Lima 1924: 316, 414, 1925: 197, 1928: 122; Wood, S. L. 1972f: 44.
- largipennis* Toleda Piza Junior 1924b: 354 (*Stephanoderes*). Syntypes, sex?; Brazil; not located. Synonymy: Costa Lima 1925: 197.
- References: **(cn)** Kleine 1932a: 302. **(hb)** Kleine 1932a: 302. **(ds)** Kleine 1932a: 145, 302. **(tx)** Costa Lima 1925: 197, 1928: 122; Toleda Piza Junior 1924b: 354–355.
- uniseriatus* Eggers 1924: 103 (*Stephanoderes*). Lectotype ♀; Congostaat (Luebo); USNM, Washington, designated by Anderson & Anderson 1971: 35. Synonymy: Wood 1972f: 44.
- Notes: (3) Schedl 1963j: 479 (*Stephanoderes notatus* Eggers, nomen nudum, synonymy). References: **(bv)** Schedl 1960f: 43. **(cn)** Coleman 1931: 1–26; Corbett 1933; Ghesquiere 1933a: 32–35, 1933b: 783; Mathur & Singh 1960a: 13; Mathur, Singh, & Lal 1958: 31; Mathur et al. 1958: 103; Mayne & Donis 1951: 333–334; Schmitz & Crisinel 1957: 12; Schouteden 1924: 56–58; Thomas, K. M. 1949: 83. **(ec)** Mayne & Donis 1951: 333–334; Schedl 1961k: 627. **(hb)** Browne 1963a: 234; Corbett 1933; Schedl 1961: 627; Schmitz & Crisinel 1957: 12; Schouteden 1924: 56; Thomas, K. M. 1949: 83. **(ds)** Beeson 1941: 389, 1961: 288, 299; Brader 1964: 5; Browne 1963a: 234; Ferreira 1965: 1116; Ghesquiere 1933a; Mathur & Singh 1960a: 13; Mathur, Singh, & Lal 1958: 31, 103; Peyerimhoff 1935: 193; Schedl 1959a: 485, 1959p: 17, 1960f: 11, 1961k: 627, 1962h: 58, 1962k: 1070, 1964e: 68, 1964j: 41, 1967e: 212, 1969c: 50, 1969d: 5, 1977a: 77; Wichmann 1954: 514. **(tx)** Anderson, W. H. & Anderson 1971: 35; Corbett 1933; Eggers 1924: 103, 1936d: 626; Michalski 1969b: 570; Peyerimhoff 1935: 193; Schedl 1934d: 91, 1950d: 17–18, 1951j: 19, 1953d: 68, 1955d: 268, 1959a: 485, 1961k: 627, 1962k: 1070, 1963j: 478–479, 1964e: 68, 1964j: 41, 1967e: 212, 1967f: 151, 1969c: 50, 1969d: 5, 1971a: 280, 1971c: 364, 1977b: 77, 1979c: 261; Wood, S. L. 1972f: 44.
- hivaoea* Beeson 1935b: 105 (*Stephanoderes*). Holotype ♀; Tahauku, Hivaoa, Marquesas Islands; BPBM, Honolulu. Synonymy: Wood 1972f: 44.
- References: **(ds)** Beeson 1938b: 290; Ford 1958: 333; Wood, S. L. 1960a: 35. **(tx)** Beeson 1935b: 105, 1938b: 290, 1939: 105–106; Wood, S. L. 1960a: 38–39, 1972f: 44.
- lebronneci* Beeson 1935b: 104 (*Stephanoderes*). Syntypes, sex?; Tahuata: Hanatuma Valley 150 feet, Uapou: Hakahuetau 500 feet, Marquesas

- Islands; BPBM, Honolulu. Synonymy: Wood 1972f: 44.
References: **(hb)** Yunus & Hua 1980: 229. **(ds)** Beeson 1938b; Swezey 1941: 119; Yunus & Hua 1980: 229. **(tx)** Beeson 1935b: 104, 1938: 290; Schedl 1941f: 111, 1965g: 25; Wood, S. L. 1960a: 38–39, 1972f: 44.
- cryphaloides (Eichhoff)** 1878b: 119 (*Triarmocerus*). Holotype ♀; Madagascar, insula Africana; Hamburg Museum, lost.
Distribution: Madagascar.
Notes: (3) A female from Clarion Island (Mexico) in the Schedl Collection was determined by Schedl as this species. Although that specimen is actually of *erectus* LeConte, *erectus* was apparently introduced to America from Africa. It is possible that the type of *cryphaloides* is a synonym of *erectus*.
References: **(ds)** Alluaud 1900: 439; Hagedorn 1910d: 46; Kleine 1913b, 1914b: 326. **(tx)** Eichhoff 1878a: 384, 1878b: 119; Hagedorn 1910a: 81, 1913b; Hopkins 1914: 131.
- cuneolus (Schedl)** 1936j: 24 (*Stephanoderes*). Lectotype, sex?; Malay Peninsula, Selangor: Kanching Forest Reserve; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 72.
Distribution: Asia (Malaya).
Hosts: *Balanocarpus heimii*, *Dryobalanops aromatica*, *Shorea leprosula*.
References: **(ds)** Beeson 1961: 298; Browne 1961c: 72, 1970: 554; Schedl 1936j: 24. **(tx)** Schedl 1936j: 24, 1979c: 72.
- curtipennis (Schedl)** 1950f: 45 (*Stephanoderes*). Holotype, sex?; Fiji, Viti Levu: Belt Road, 30 miles west of Suva, 10–250 feet; BPBM, Honolulu.
Distribution: Fiji Islands, Samoan Islands.
References: **(ds)** Beaver 1976b: 536; Browne 1974a: 64. **(tx)** Schedl 1950f: 45–46, 1951k: 135, 1979c: 72.
- cylindraceus (Schedl)** 1972e: 287 (*Stephanoderes*). Holotype, sex?; Ghana, Kintampo: Ashanti Region, Ofinso, 259 m, N 6 54, W 1 39; Congo, Brazzaville, Lefinie reservation, Mbeokala forest; Brazzaville, Kindamba, Meya, Bangou forest; Schedl Collection in NHMW, Wien.
Distribution: Africa (Congo/ Ghana).
References: **(ds)** Wood, S. L. 1982b: 905. **(tx)** Schedl 1972e: 287, 1979c: 73; Wood, S. L. 1982b: 905.
- cynometrae Schedl** 1957d: 50. Holotype, sex?; Congo Belge: Yangambi, Maluba, 90 km N. Ouest de Tshela; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Cynometra hanki*.
References: **(ec)** Schedl 1961k: 471. **(hb)** Schedl 1961k: 471. **(ds)** Schedl 1961k: 471. **(tx)** Schedl 1957d: 50, 1961k: 471, 1979c: 75.
- delicatus Schedl** 1964j: 44. Holotype, sex?; Congo: Kivu, Terr. Fizi, Itombwe, 900 m; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: **(tx)** Schedl 1964j: 44, 1979c: 77.
- deprecator (Schedl)** 1941d: 393 (*Pachynoderes*). Holotype, sex?; Deutch Ostafrika, Amani; Schedl Collection in NHMW, Wien.
Figures: Schedl 1961k: 632.
Distribution: Africa (Tanzania).
References: **(tx)** Schedl 1941d: 393, 1961k: 632–633, 1979c: 78.
- dexter (Sampson)** 1922: 141 (*Cryphalus*). Holotype, sex?; Portuguese East Africa: Xinavane; BMNH, London.
Distribution: Africa (Mozambique).
Notes: (1) Browne 1970: 553 (to *Hypothenemus*).
References: **(hb)** Beaver & Loytyniemi 1985a: 80. **(ds)** Beaver & Loytyniemi 1985a: 80; Schedl 1961k: 462. **(tx)** Browne 1970: 553; Sampson 1922: 141; Schedl 1957b: 150, 1961k: 462.
- dimorphus (Schedl)** 1959c: 168 (*Stephanoderes*). Holotype, sex?; Malaya, Negri Sembilan, Jelehu, Triang For. Res.; Forest Research Institute, Kepong.
Distribution: Asia (Malaya).
Hosts: *Acacia auriculaeformis*.
References: **(cn)** Browne 1968: 353. **(ds)** Browne 1961c: 72, 1968: 353; Schedl 1959c: 168. **(tx)** Schedl 1959c: 168, 1979c: 81.
- dipteroearpi Hopkins** 1915b: 17. Holotype ♀; Calapan, Mindoro, P.I.; USNM, Washington.
Distribution: Mangareva Islands, Philippine Islands (Mindoro).
Hosts: *Dipteroearpus polosapis*, *Hibiscus tiliaceus*.
References: **(ds)** Browne 1983a: 555, 1983b: 76, 1984c: 449; Kleine 1934a: 143; Ohno, Yoneyama, & Nakazawa 1987b: 93; Schedl 1966b: 24. **(tx)** Hopkins 1915b: 14, 17; Nobuchi 1983: 300; Wood, S. L. 1972f: 45.
- mangarevanus Beeson** 1940: 196. Holotype ♀; Mangareva Islands: Aukena, northwest side; BPBM, Honolulu. Synonymy: Wood 1972f: 45.
References: **(ds)** Beeson 1938b: 289; Wood, S. L. 1960a: 41. **(tx)** Beeson 1940: 196; Wood, S. L. 1960a: 41, 1972f: 45.
- dissimilis (Zimmermann)** 1868: 144 (*Crypturgus*). Holotype ♀; North Carolina [USA]; MCZ, Cambridge.
Figures: Blackman 1922b: pl. 5, figs. 29–30.
Distribution: North America (Alabama, Connecticut, District of Columbia, Florida, Georgia, Illinois, Indiana, Louisiana, Kentucky, Maryland, Minnesota, Mississippi, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, West Virginia in USA).
Hosts: *Acer rubrum*, *Carya* spp., *Cercis canadensis*, *Fagus grandifolia*, *Kalmia latifolia*, *Quercus*

spp., *Ocoteca catesbyana*, *Rhamnus lanceolata*, *Vitis* spp.

References: **(bv)** Kirkendall 1984: 241; Roling & Kearby 1975b, 1977; Turnbow & Franklin 1980. **(cn)** Baker, W. L. 1972: 254; Lintner 1896: 270; Packard 1890: 93; Roling & Kearby 1977; Smith, J. B. 1900: 362. **(ec)** Burks 1979: 856; Bushing 1965: 460; Felt 1906: 702; Roling & Kearby 1977. **(hb)** Baker, W. L. 1972: 254; Beal & Massey 1945: 110–113; Blackman 1922b: 89; Chamberlin 1939: 304; Chittenden 1890, 1893a, 1895: 385, 1897: 393; Deyrup & Atkinson 1987a: 66; Drooz 1985: 367; Felt 1906: 702; Hopkins 1899a: 343; Packard 1890: 93; Pierce, W. D. 1907: 291; Schwarz 1888a: 80; Smith, J. B. 1890b: 54; Wenzel 1905: 124; Wood, S. L. 1953: 123, 1954a: 1021, 1982b: 882. **(ds)** Anonymous 1926c: 518; Beal & Massey 1942, 1945: 110–113; Beaulne 1956; Blackman 1922b: 89; Blatchley & Leng 1916: 603; Bright 1976d: 114; Britton 1920a; Chamberlin 1939: 304; Chittenden 1890, 1893: 393, 1895b: 385; Deyrup 1981b: 7; Deyrup & Atkinson 1987a: 66; Dodge 1938; Drooz 1985: 367; Gemminger & Harold 1872: 2688; Hagedorn 1910d: 41; Hamilton 1895: 346, 378; Henshaw 1885: 148; Hoffmann 1940: 60, 1942: 13; Hopkins 1893a: 133, 1893b: 210; Kirk 1969, 1970; Kleine 1913b: 121, 1914b: 386, 1934a: 145; Leng 1920: 340; Leonard 1928: 518; Lintner 1896: 270; Schwarz 1878d: 468, 1888a: 80; Smith, J. B. 1890a: 276, 1890b: 54, 1900: 362, 1910: 402; Swaine 1909: 116; Turnbow & Franklin 1980; Ulke 1902: 56; Wenzel 1905: 124; Wood, S. L. 1982b: 882. **(tx)** Beal & Massey 1945: 110–113; Blackman 1922b: 89; Blatchley & Leng 1916: 603; Bright 1976d: 114; Chamberlin 1939: 304; Dodge 1938: 39; Eichhoff 1872a: 132, 1878b: 143–144, 1896: 608; Hagedorn 1910a: 86; Hopkins 1915b: 24; LeConte 1868: 154, 1876: 356, 1878a: 468; Schedl 1951m: 101; Sharp 1879: 101; Swaine 1909: 116, 1918a: 40; Wood, S. L. 1953: 123, 1954a: 959, 1017, 1021, 1982b: 882; Zimmerman 1868: 144.

chapuisii Eichhoff 1872a: 132 (*Stephanoderes*). Lectotype ♀; America bor. [USA]; IRSNB, Brussels, designated by Wood 1982b: 882. Synonymy: Eichhoff 1896: 608.

References: **(hb)** Baker, W. L. 1972: 254; Beal & Massey 1945: 112; Blackman 1922b: 90–91; Chamberlin 1939: 305. **(ds)** Beal & Massey 1945: 112; Beeson 1938b: 290; Blackman 1922b: 90–91; Blatchley & Leng 1916: 604; Chamberlin 1939: 305; Drooz 1985: 368; Gemminger & Harold 1872: 2684; Hagedorn 1910d: 41; Kleine 1934a: 145; Knull 1934: 212; Leng 1920: 340; Swaine 1909: 117. **(tx)** Beal & Massey 1945: 112; Blackman 1922b: 90–91; Blatchley & Leng 1916: 604; Chamberlin 1939: 305; Eichhoff 1872a: 132, 1878b: 143, 1896: 608, 610; Hopkins 1914: 130,

1915b: 24; LeConte 1876: 356; Swaine 1909: 117; Wood, S. L. 1954a: 959, 1021.

distinctus Wood 1954a: 1053. Holotype ♀; Union, Missouri [USA]; SMUK, Lawrence.

Distribution: North America (Florida, Indiana, Missouri, Oklahoma).

Hosts: *Rhus aromatica*.

References: **(hb)** Wood, S. L. 1953: 214, 1982b: 903. **(ds)** Atkinson et al. 1991: 161; Wood, S. L. 1982b: 903. **(tx)** Wood, S. L. 1953: 214, 1954a: 1053, 1066, 1982b: 903.

dolichocola Hopkins 1915b: 19. Holotype ♀; Canton, China; USNM, Washington.

Distribution: Asia (Canton in China).

Hosts: *Dolichos lablab*.

References: **(ds)** Kleine 1934a: 143. **(tx)** Hopkins 1915b: 14, 19.

dolosus Wood 1974a: 21. Holotype ♀; Pandora, Limon, Costa Rica; Wood Collection.

Distribution: North America (Costa Rica/ Honduras/ Chiapas, Veracruz in Mexico).

Hosts: *Mimosa* sp., *Swietenia* sp.

References: **(ds)** Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 889. **(tx)** Wood, S. L. 1974a: 21, 1982b: 889.

donisi (Schedl) 1957d: 46 (*Ericryphalus*). Holotype, sex?; Congo Belge; Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire), Madagascar.

Hosts: *Cynometra hankiei*.

References: **(tx)** Schedl 1957d: 46, 1961k: 455–456; Wood, S. L. 1989: 174.

madagascariensis Schedl 1961e: 131 (*Ericryphalus*). Holotype, sex?; Madagascar, petite foret pres de Tananarive; IRSM, Madagascar. Synonymy: Wood 1989: 174.

References: **(hb)** Schedl 1977a: 40. **(tx)** Schedl 1961e: 131, 1977a: 40; Wood, S. L. 1989: 174.

dorsosignatus (Schedl) 1950f: 46 (*Stephanoderes*). Holotype, sex?; Fiji Islands, Suva; Eggers Collection, in NHMW, Wien.

Distribution: Fiji Islands.

References: **(ds)** Browne 1974a: 64. **(tx)** Beaver 1991: 92; Schedl 1950f: 46–47, 1979c: 84.

fijianus Schedl 1955b: 289 (*Stephanopodius*). Holotype, sex?; Fiji; Schedl Collection in NHMW, Wien. Synonymy: Beaver 1991: 92.

References: **(ds)** Browne 1974a: 65. **(tx)** Beaver 1991: 92; Schedl 1955b: 289, 1979c: 96.

dubius (Schedl) 1971c: 372 (*Stylotenus*). Holotype, sex?; Ceylon: Rolonnarawa; Schedl Collection in NHMW, Wien.

Distribution: Asia (Sri Lanka/Vietnam).

References: **(tx)** Schedl 1971c: 372, 1973c: 377, 1979c: 85.

elaphas (Eichhoff) 1872a: 132 (*Stephanoderes*). Holotype, sex?; Isle de France [Eichhoff 1878b: 143 gives St. Mauritius]; IRSNB, Brussels.

- Distribution: Africa (Mauritius Island/ Mozambique/ South Africa/ Tanzania/ Zaire), Madagascar.
- References: **(ds)** Alluaud 1900: 439; Gemminger & Harold 1872: 2684; Hagedorn 1910d: 42; Kleine 1913b: 121; Schedl 1961k: 472, 1962b: 58, 1962k: 1068, 1965e: 352. **(tx)** Eggers 1920: 121, 1924: 202, 1932: 31, 1934b: 27, 1943e: 75; Eichhoff 1872a: 132, 1878b: 142–143; Hagedorn 1910a: 82, 86, 1913a: 254; Hopkins 1914: 116, 135, 1915b: 24; Schedl 1939i: 380, 1950c: 203, 1953d: 68, 1961k: 472–473, 1962h: 58, 1962k: 1068, 1969d: 10, 1977b: 49.
- spinosus* Hagedorn 1909a: 745 (*Adiaeretus*). Syn-types 2, sex?; Caffraria, Transvaal; MNB, Berlin. Synonymy: Schedl 1961k: 472.
- References: **(ds)** Hagedorn 1910d: 47; Kleine 1913b, 1914b: 319. **(tx)** Eggers 1924: 102, 1932c: 31, 1934b: 27; Hagedorn 1909a: 745, 1910a: 82; Hopkins 1914: 116; Schedl 1939i: 380, 387, 1961k: 472.
- ° *emmi* (Hagedorn) 1913a: 254 (*Cryphalus*). Syn-types, sex?; Madagascarkopal; Hamburg Museum, lost.
- Distribution: Madagascar (fossil in copal).
- References: **(ds)** Kleine 1912a: 213; Spahr 1981. **(tx)** Eggers 1919: 240, 1927a: 196; Hagedorn 1913a: 254.
- emmi* Eggers 1919: 240 (*Stephanoderes*). Holotype, sex?; Madagascar-Copal; Hamburg Museum, lost. Synonymy: Eggers 1919: 241.
- Notes: (1) Eggers renamed this species from the Hagedorn holotype without realizing that a description had already been published.
- References: **(tx)** Eggers 1919: 240–241, 1927a: 196.
- erectus* LeConte 1876: 356. Lectotype ♀; labeled “Texas, [collected by] Belfrage,” presumably from the lower Rio Grande Valley [USA]; MCZ, Cambridge, designated by Wood 1972f: 45.
- Figures: Atkinson & Equihua 1988: 95 (adult).
- Distribution: “Africa”, Antilles Islands (Cuba/ St. Thomas), North America (Honduras/ Chiapas, Colima, Hidalgo, Jalisco, Nayarit, Nuevo Leon, Puebla, Queretaro, San Luis Potosi, Sinaloa, Tamaulipas, Veracruz in Mexico/ S Texas in USA), South America (Venezuela).
- Hosts: *Condalia* sp., *Ficus* sp., *Inga* sp., *Miconia* sp., *Mimosa* spp., *Prosopis* sp., *Rubus* sp., *Serjania* sp., *Toxicodendron* sp., *Verbisina agricolorum*, *Vismia* sp.
- Notes: (3) This species was apparently introduced to America from Africa or Madagascar where numerous variants occur.
- References: **(cn)** Packard 1890: 93; Smith, J. B. 1900: 362. **(ec)** Equihua & Atkinson 1986: 631; Felt 1906: 702, 740. **(hb)** Burgos & Saucedo 1983: 104; Chamberlin 1939: 310; Chittenden 1890; Equihua & Atkinson 1986: 631; Felt 1906: 702, 740; Packard 1890: 93; Pierce, W. D. 1907: 291; Smith, J. B. 1890b: 54; Wood, S. L. 1953: 132, 1954a: 1026. **(ds)** Atkinson & Equihua 1985c: 356, 1986a: 422, 1988: 92; Blackwelder 1947: 778; Blandford 1904: 227; Blatchley & Leng 1916: 602; Bright 1985c: 174; Burgos & Saucedo 1983: 104; Chamberlin 1939: 310; Chittenden 1890; Equihua & Atkinson 1986: 631; Estrada & Atkinson 1988: 209; Ferrer 1942; Hagedorn 1910d: 42; Henshaw 1882: 269, 1885: 148; Hopkins 1893a: 132, 1893b: Kleine 1913b: 121, 1914b: 350, 386, 1934a: 145; Leng 1920: 340; Smith, J. B. 1890a: 267, 1890b: 54, 1900: 362, 1910: 401; Swaine 1909: 117; Thomas, J. B. 1966; Wood, S. L. 1977a: 71, 1983: 104. **(tx)** Atkinson & Equihua 1988: 95; Blandford 1904: 227; Blatchley & Leng 1916: 602–603; Bright 1985c: 174; Chamberlin 1939: 310; Eichhoff 1878b: 146, 1896: 608; Hagedorn 1910a: 86; Hopkins 1915b: 24; LeConte 1876: 356; Schedl 1940a: 342; Swaine 1909: 117; Wood, S. L. 1953: 132, 1954a: 959, 1018, 1026, 1972f: 45, 1976a: 348, 1982b: 885.
- validus* Blandford 1904: 228. Holotype ♀; Motzorongo, Veracruz, Mexico; BMNH, London. Synonymy: Wood 1972f: 46.
- References: **(ds)** Blackwelder 1947: 778; Ferrer 1942; Hagedorn 1910a: 46; Kleine 1913b: 124, 1914b: 350; Sampson 1914: 385; Wichmann 1955a: 107. **(tx)** Blandford 1904: 228; Browne 1970: 556; Hagedorn 1910a: 88; Hopkins 1915b: 24; Sampson 1914: 385; Schedl 1940a: 342; Wood, S. L. 1972f: 46.
- puncticollis* Hopkins 1915b: 32 (*Stephanoderes*). Holotype ♀; Tampico, Tamaulipas, Mexico; USNM, Washington. Synonymy: Wood 1972f: 46.
- References: **(ds)** Blackwelder 1947: 778; Ferrer 1942; Schedl 1963c: 157; Wood, S. L. 1961c: 1. **(tx)** Hopkins 1915b: 25, 32; Schedl 1940a: 342, 1940c: 206; Wood, S. L. 1961c: 1, 1972f: 46.
- cubensis* Hopkins 1915b: 32 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 46.
- References: **(ds)** Blackwelder 1947: 777; Leng & Mutchler 1917: 219. **(tx)** Eggers 1940a; Hopkins 1915b: 24, 32; Schedl 1951m: 103; Wood, S. L. 1972f: 46.
- brunneicollis* Hopkins 1915b: 33 (*Stephanoderes*). Holotype ♀; Round Mountain, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1026.
- References: **(hb)** Chamberlin 1939: 310. **(ds)** Chamberlin 1939: 310; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Chamberlin 1939: 310; Hopkins 1915b: 24, 32–33; Wood, S. L. 1954a: 959, 1026.
- discedens* Schedl 1950d: 23 (*Stephanoderes*). Holotype ♀; St. Thomas; Schedl Collection in NHMW, Wien. Synonymy: Wood 1976a: 348.
- References: **(tx)** Schedl 1950d: 23, 1961k: 562; Wood, S. L. 1976a: 348.

eruditus Westwood 1836: 34. Syntypes ♀: England?; some in BMNH, London.

Figures: Balachowsky 1949a: 203–204, Grune 1979: 112, Masutti 1968: 365, Pedrosa-Macedo & Schonherr 1985: 47.

Distribution: Africa (Algeria/ Angola/ Cameroon/ Canary Islands/ Egypt/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Morocco/ Nigeria/ Seychelles Islands/ Sierra Leone/ South Africa/ Tanzania/ Togo/ Uganda/ Zaire), Antilles Islands (Cuba/ Guadeloupe/ Jamaica/ Puerto Rico/ Trinidad), Asia (Bonin Islands/ Burma/ Andaman Islands, Assam, Punjab, Uttar Pradesh in India/ Iran/ Israel/ Japan/ Malaya/ Sri Lanka/ Thailand/ Vietnam), Australia (Queensland), Cook Islands, Europe (Corsica/ England/ France/ Italy/ Spain), Fiji Islands, Hawaiian Islands, Indonesia (Java/ Sumatra), Madagascar, Marquesas Islands, Micronesia, New Caledonia, Niue Island, North America (Costa Rica/ Guatemala/ Honduras/ Chiapas, Colima, Jalisco, Michoacan, Nayarit, Oaxaca, Puebla, San Luis Potosi, Veracruz, Yucatan in Mexico/ Panama/ Alabama, Arkansas, California, District of Columbia, Florida, Georgia, Illinois, Louisiana, Maryland, Michigan, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, West Virginia in USA), Philippine Islands.

Hosts: Numerous hosts recorded by Beaver 1976b: 536, 1979b: 298, Browne 1961c: 76, Schedl 1961k: 488–498, Wood 1954a, 1982b: 902–903.

Notes: (3) Schedl 1965g: 19 (*Styphanaderes phascoli* Eggers, nomen nudum, synonymy).

References: (ay) Van Ryn-Tournel 1975. (bv) Gray, B. 1974c; Grune 1979: 113; Schedl 1960f: 11; Turnbow & Franklin 1980. (cn) Anonymous 1970c: 13; Arruda 1965; Box 1953a; Brader 1964: 5; Browne 1961c: 76, 1968: 353; Chittenden 1893: 250; Corbet 1931: 351–355; Currie 1905: 7; Downe & Williams 1950; Ebeling 1950: 353, 533; Equihua 1988; Hagedorn 1913a; Hammad 1961; Hargreaves 1927: 24–27; Hubbard 1885: 173; Kleine 1932c: 302; Kumar, Jayaraj, & Muthukrishnan 1979; Murillo Quinche 1959: 300; Petri 1912; Roark 1939: 308; Souphieff & Scherbinovskaja 1937: 81; Tsankov 1977; Vuillaume et al. 1981; Zacher 1913: 131–144. (ec) Ashmead 1883a, 1893: 451; Beaver 1979b: 298; Bushing 1965: 460; Chittenden 1893b; Equihua & Atkinson 1986: 632; Felt 1906: 725; Halperin & Holzschuh 1984: 26; Kleine 1908c: 187; Mendel 1986c: 115; Schedl 1958d: 190; Vuillaume et al. 1981; Wichmann 1955a: 105. (hb) Ashe 1949; Atkinson et al. 1986: 64; Baker, W. L. 1972: 254; Beaver 1974a, 1976b: 536, 1979b: 298, 1987a: 19; Beaver & Browne 1978: 590; Blandford 1894b; Bodenheimer 1930; Bright & Stark 1973: 69; Browne 1961c: 76, 1968: 353; Burgos & Saucedo 1983: 108; Deyrup & Atkinson 1987a: 66;

Equihua & Atkinson 1986: 632; Felt 1906: 725; Gardner 1957: 31; Gray, B. 1974c; Hagedorn 1913a; Halperin & Holzschuh 1984: 26; Hammad 1961; Hubbard 1885: 173; Kalshoven 1932: 242, 1951: 856, 1958b: 170–172, 179, 1963; Kleine 1932a: 302; Lengerken 1939: 64, 1954: 84; Loytyniemi, Beaver, & Loytyniemi 1984; Masutti 1968; Murillo Quinche 1959: 300; Pierce, W. D. 1907: 291; Pollet 1977; Postner 1974: 432; Roberts 1969: 66, 86; Schedl 1960f: 86, 1961k: 474; Schwarz 1889: 139, 1891e: 73–74; Smith, J. B. 1890b: 54; Wachtl 1876a: 453; Wood, S. L. 1953: 198, 1954a: 1058, 1982b: 900; Yunus & Hua 1980: 229; Zacher 1927: 161. (ds) Alkan 1964: 374, 390; Anonymous 1970c: 13; Atkinson & Equihua 1985c: 357, 1986a: 422, 1988: 92; Atkinson et al. 1986: 64; Aulmann 1912: 55–56; Barber 1919: 53–60; Beaver 1974a, 1976b: 536, 1987a: 19, 1987b: 65, 1990a: 280; Beaver & Browne 1978: 590; Beeson 1935: 103, 1938b: 289, 1940: 196–197, 1941: 374; Blackwelder 1947: 777; Blandford 1894b: 261–264, 1897b, 1904: 229–230; Bright 1972d: 50, 1985c: 175; Bright & Stark 1973: 69; Brinley 1938: 247; Browne 1963: 53, 1966: 245, 1968b: 353–354, 1968c: 111, 1974a: 64, 1976, 1984a: 150; Burgos & Saucedo 1983: 108; Bytinski-Salz 1966: 38; Cachan 1957: 15; Calwer 1884, 1893; Chobaut 1897: 262; Choo 1983: 65; Choo & Woo 1985: 164; Choo, Woo, & Nobuchi 1983: 172; Crotch 1863, 1866: 18; Deyrup 1981b: 7; Deyrup & Atkinson 1987a: 66; Drooz 1985: 368; Equihua & Atkinson 1986: 632; Estrada & Atkinson 1988: 210; Fairmaire 1863: 33; Ferreira 1965: 1113; Ferrer 1942; Fowler 1891; Fowler & Donisthorpe 1913: 199; Gardner 1957a; Gaubil 1849: 127; Gemminger & Harold 1872: 2679; Ghesquiere 1933a: 32–36, 1933b: 783–786; Gray 1967: 9; Grune 1979: 113; Hagedorn 1903b: 546, 1910d: 42, 1913a: 44–45; Halperin & Holzschuh 1984: 26; Hamad 1961: 150; Hamilton 1889: 158, 1894b: 406, 1895a: 346, 378; Hargreaves 1948; Henshaw 1885: 148; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Hopkins 1893a: 132; Israelson 1972; Kalshoven 1963: 233; Kirk 1970; Kirkendall 1984: 242; Kleine 1913b: 124, 1914a: 15, 22, 1914b: 300, 308, 350, 361, 408, 1932a: 143, 302, 1934: 142–146; Kloft & Hinks 1945: 218; Krauss 1943: 88; Lacordaire 1866: 374; Lepesme 1944: 241, 1947: 645–646; Lintner 1896: 270; Lundblad 1958: 489; Marcu 1934: 57; Martorell 1945: 469; Masutti 1968: 360–370; Matthews & Fowler 1883: 42; Mayne & Donis 1951: 332–333; Miller, N. C. E. 1934; Moore 1964: 300; Munro 1946: 15; Newberry 1910: 83; Nobuchi 1985c: 16; Nobuchi & Ono 1973: 181; Nohira & Ogawa 1986; Nunberg 1952: 18, 1961b: 609, 1965b: 18, 1971: 58, 1972b: 195; Ohno, Yoneyama, & Nakazawa 1982b: 7; Ohno, Yoskioka et al. 1988a: 92; Pedrosa-Macedo & Schonherr 1985: 47; Peyerimhoff

1911: 314, 1912: 173, 1915: 60, 1919: 225, 1935: 195; Pollet 1977; Postner 1974: 432; Redtenbacher 1858: 831, 1874: 374; Reitter 1894a: 75; Ross 1919: 83; Rye 1866a: 198, 1890: 270; Sampson 1914: 385; Sankeral & Rao 1966: 67; Schaum 1859: 96, 1862: 101; Schedl 1934f: 1640, 1959a: 478, 1959p: 16, 1960d: 76, 1960f: 11, 1961b: 187, 1961c: 69, 1961e: 131, 1961j: 349, 1961k: 474–476, 1961m: 84, 1962h: 58, 1962k: 1068, 1963c: 157, 1963f: 53, 1964a, 1964c: 305, 1966b: 24, 1969g: 290; Schedl, Lindberg, & Lindberg 1959: 16; Schonherr & Pedrosa-Macedo 1981: 52; Scudder 1864: 14, 1865: 13–14; Seidlitz 1891: 151; Smith, J. B. 1890b: 54, 1892: 43, 1900: 362, 1910: 401; Souphieff & Scherbinovskaja 1937: 81; Stein & Weise 1877: 164; Stephens 1830: 418, 1839: 209; Sufiew 1937: 65–68; Swaine 1909: 117–118; Swezey 1941: 117–118; Terra 1987: 19; Turnbow & Franklin 1980; Ulke 1902: 56; Wachtl 1876a: 453; Wichmann 1927: 79, 1927: 379, 1954: 509–510, 522, 1955a: 105; Wolcott 1948: 379; Wollaston 1864: 256, 1865: 239, 1868: 116–117; Wood, S. L. 1957e: 1273, 1960a: 41, 1977a: 71, 1982b: 900; Yunus & Hua 1980: 229. **(tx)** Balachowsky 1943: 168, 1949a: 202–205; Beal & Massey 1945: 117–118; Blackman 1922b: 6–104; Blandford 1894b: 261–264, 1904: 229–230; Blatchley & Leng 1916: 598; Bright 1972d: 50, 1985c: 175; Castelnau 1840; Chamberlin 1939: 288–289; Choo 1983: 65; Costa Lina 1928: 118, 1936: 356; Dodge 1938: 39; Duffy 1953: 3, 6; Eggers 1919: 241, 1921: 40, 1922: 86, 1924: 110, 1925: 153, 1927: 173, 1929: 55, 1936: 126; Eichhoff 1864b: 34, 1868d: 421, 1878a: 387, 1878b: 165, 1883: 134, 1896: 608; Erichson 1836: 61; Fauvel 1884a: 390, 1884b: 315, 1889, 1897: 66; Ferrari 1867a: 7, 17, 89, 1867b: 113, 1868: 255–256; Grune 1979: 112–113; Hagedorn 1903b: 546, 1909: 744, 1910a: 85–86; Hammad 1961; Hopkins 1914: 123, 133, 1915b: 12, 14, 1915c: 221–222; Houlbert 1922a: 13; Jacquelin du Val & Fairmaire 1868: 105; Lacordaire 1866: 374; LeConte 1876: 355–356; Masutti 1968: 365; Miller, N. C. E. 1934: 27; Murayama 1936: 126; Newberry 1910: 83; Niisima 1913: 1; Nobuchi 1983: 300; Nunberg 1952: 18, 1956: 144; Pedrosa-Macedo & Schonherr 1985: 47; Perkins 1900: 173–180; Peyerimhoff 1935: 195–196; Portevin 1935: 325; Postner 1974: 432; Redtenbacher 1858: 831, 1874: 374; Reitter 1887: 194, 1894a: 75, 1902: 141, 1906: 711, 1911: 711, 1913a: 73–74; Sampson 1914: 385; Schedl 1934g: 178, 1935j: 1, 1939e: 328, 1939f: 32, 1939g: 170, 1940a: 322, 342, 1940c: 207, 1941f: 110, 1942a: 170, 1942b, 1942c: 174, 1942d: 12–13, 1950c: 204, 1950d: 3–20, 1950g: 895, 1951f: 40, 1951j: 19, 1951k: 134, 1952a: 449, 1952g: 49–50, 1952j: 2, 1953b: 124, 1953c: 288, 1953d: 68, 1954a: 139, 1954d: 871, 1954e: 50, 70, 1957a: 191–192, 1957b: 150, 1957d: 10–11, 1958b: 99, 1958d: 189–190, 1959a:

478, 1960a: 76, 1961b: 187, 1961k: 474, 1963e: 155, 1963h: 266, 1964a: 96–97, 1964c: 305, 1964e: 68, 1964i: 248, 1964j: 40, 1964k: 222, 1965a: 399, 1965f: 4, 1965g: 19, 22, 1966b: 24, 1966f: 80, 83, 1967e: 210, 1968e: 261–262, 1969d: 8–11, 1969e: 261–262, 1969g: 286, 290, 1969i: 140, 1970e: 80, 91, 1971a: 275, 280, 1971c: 366, 1971e: 2, 1971f: 147, 1977b: 51; Schedl, Lindberg, & Lindberg 1959: 16; Sharp 1879: 101–102; Stark 1952: 292; Stephens 1830: 418, 1839: 209–210; Swaine 1909: 117–118; Terra 1987: 19; Tredl 1907: 13; Westwood 1836: 34–36, 1839: 353, 1840: 157; Wood, S. L. 1953: 198, 1954a: 959, 1058–1061, 1960a: 41–44, 1972f: 46, 1974d: 282, 1977d: 513, 1982b: 900; Wylie & Yule 1977. **(ms)** Eichhoff 1868d: 421. *aspericollis* Wollaston 1860a: 365 (*Cryphalus*).

Syntypes, sex?, Madera; BMNH, London. Synonymy: Schedl 1960h: 16.

References: **(ay)** Peyerimhoff 1912: 173. **(cn)** Ebeling 1959; Garcia-Tejero 1955: 234; Gentry, J. W. 1975: 105; Grandi 1951; Hammad 1961; Souphieff & Scherbinovskaja 1937: 83. **(hb)** Balachowsky 1963a: 1280; Davatchi 1958; Eichhoff 1878b: 162; Grandi 1951; Hammad 1961; Peyerimhoff 1915: 19. **(ds)** Balachowsky 1963a: 1280; Beeson 1940: 196–197, 1961: 288; Davatchi 1958: 76; Ebeling 1959; Eichhoff 1878b: 162; Escalera 1919; Fauvel 1897; Gemminger & Harold 1872: 2683; Gentry, J. W. 1965: 105; Hagedorn 1910d: 41; Jansson 1940: 63; Lacordaire 1866: 379; Lundblad 1958: 489; Newberry 1910: 84; Peyerimhoff 1912: 173, 1935: 194–195; Schmitz 1898: 157; Sharp 1879: 102; Souphieff & Scherbinovskaja 1937: 83. **(tx)** Balachowsky 1949a: 202, 1963a: 1280; Beeson 1940; Eggers 1921: 40; Eichhoff 1878b: 162; Fauvel 1884; Hagedorn 1910a: 85; Hammad 1961; Hopkins 1915b: 13; Lacordaire 1866: 379; Newberry 1910: 84; Peyerimhoff 1911: 314, 1912: 173–174, 1935: 194; Schedl 1934f: 1640, 1951a: 449, 1960h: 16; Schedl, Lindberg, & Lindberg 1959: 16; Sharp 1879: 102; Sokanovskii 1954: 17; Wollaston 1860a: 365, 1864: 256, 1865: 239.

boieldieu Perroud 1864: 188 (*Bostrichus*). Holotype ♀; Kanala, New Caladonia; not located. Synonymy: Eichhoff 1878b: 166.

References: **(ds)** Gemminger & Harold 1872: 2690; Swaine 1909: 118. **(tx)** Blandford 1904: 229–230; Eichhoff 1878b: 166; Fauvel 1884b; Ferrari 1867a: 75; Hopkins 1915c: 222; Perroud 1864: 188; Swaine 1909: 118.

obscurus Ferrari 1867a: 17 (*Cryphalus*). Holotype ♀; Cuba; NHMW, Wien, preoccupied by Fabricius 1801. Synonymy: Wood 1974d: 282. References: **(ds)** Browne 1965: 187; Hagedorn 1910d: 44; Kalshoven 1964: 233; Kleine 1914b: 378. **(tx)** Eggers 1929e: 50–51, 1940a; Eichhoff 1878b: 163; Ferrari 1867a: 17; Hage-

- dorn 1910a: 87; Hopkins 1915b: 13; Wood, S. L. 1974d: 282.
- germari* Eichhoff 1878b: 159 (*Stephanoderes*). Syntypes, sex?: America borealis (Mexico): Hamburg Museum, lost. Synonymy: Wood 1977d: 513.
References: (**hb**) Blackman 1922b: 83–84; Chamberlin 1939: 290. (**ds**) Blackman 1922b: 83–84; Blackwelder 1947: 778; Blandford 1904: 127–128; Chamberlin 1939: 290; Ferrer 1942; Hagedorn 1910d: 43; Kleine 1913b: 121, 1914b: 349; Leng & Mutchler 1927: 52. (**tx**) Blackman 1922b: 83–84; Blandford 1904: 127–128; Chamberlin 1939: 290; Eichhoff 1878a: 386, 1878b: 159; Hagedorn 1910a: 86; Hopkins 1915b: 13; Schedl 1940a: 342; Wood, S. L. 1954a: 1058, 1977d: 513.
- myrmedon* Eichhoff 1878b: 160 (*Stephanoderes*). Holotype ♂; Colombia: IRSNB, Brussels. Synonymy: Wood 1977d: 513.
References: (**ds**) Blackwelder 1947: 778; Hagedorn 1910d: 44; Kleine 1913b: 121, 1914b: 342. (**tx**) Eichhoff 1865, 1878a: 386, 1878b: 160; Hagedorn 1910a: 87; Hopkins 1915b: 21; Reitter 1902a: 141; Wood, S. L. 1977d: 513.
- ehlersi* Eichhoff 1878b: 493 (*Stephanoderes*). Syntypes, sex?: Spain; Hamburg Museum, lost. Synonymy: Balachowsky 1949a: 202.
References: (**cn**) Anonymous 1980g; Widiez 1932: 415–445. (**hb**) Eichhoff 1881a: 47, 192; Peyerimhoff 1915: 60, 1919: 255. (**ds**) Anonymous 1980g; Balachowsky 1943a; Barthe 1896; Beeson 1940: 197; Davatchi 1955: 78; Fauvel 1885; Hagedorn 1910d: 42; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Kleine 1913b: 121, 1914a: 19, 1934a: 145; Murayama 1954b: 162; Peyerimhoff 1919: 255, 1935: 195–196; Pittioni 1943: 176; Ragusa 1924: 116; Reitter 1894a: 74; Sainte-Claire & Mequignon 1938: 446; Stein & Weise 1877: 164; Tredl 1907: 13. (**tx**) Balachowsky 1926: 263–264, 1943a: 168, 1949a: 202; Eggers 1940c: 233–234; Eichhoff 1878a: 387, 1878b: 493–495, 1881a: 47, 192, 1883a: 110, 134; Fauvel 1884a: 390, 1884b: 315, 1885; Hagedorn 1910a: 86; Hopkins 1914: 122, 1915b: 13, 1915c: 222; Murayama 1954b: 162; Niisima 1910a: 9; Portevin 1935: 325; Reitter 1887b: 194, 1894a: 74, 1913a: 73; Schedl 1934f: 1640, 1961k: 472.
- communis* Schaufuss 1891: 11 (*Stephanoderes*). Holotype ♀; Madagascar; Schedl Collection in NHMW, Wien. Synonymy: Wood 1992a: 90.
Notes: (1) Schedl 1977b: 70 (head of type missing).
References: (**hb**) Beaver 1987a: 18. (**ds**) Alluaud 1900: 439; Beaver 1987a: 18; Hagedorn 1910d: 41; Kleine 1914b: 326; Sampson 1914: 384; Schedl 1969d: 11, 1977b: 70. (**tx**) Hagedorn 1910a: 86; Sampson 1914: 384; Schaufuss 1891: 11; Schedl 1977b: 70–71; Wood, S. L. 1992a: 90.
- insularis* Perkins 1900: 181. Syntypes, sex?: Kauai, Hawaiian Islands; BMNH, London. Synonymy: Wood 1960a: 42.
References: (**ds**) Beeson 1938b: 289; Hagedorn 1910d: 43; Kleine 1913b: 124, 1914b: 302; Krauss 1943: 88; Swezey 1940: 169, 1941: 117, 1954: 14, 83. (**tx**) Hagedorn 1910a: 86; Perkins 1900: 181; Schedl 1934g: 177–178, 1939f: 32, 1941f: 109, 1942b: 147, 1951k: 134, 1951m: 71, 1958f: 35, 1966b: 24; Wood, S. L. 1960a: 42–43.
- tectonae* Stebbing 1903a: 263 (*Cryphalus*). Syntypes ♀; India, Berar, Melghat teak forests; FRI, Dehra Dun. Synonymy: Wood 1989: 174.
References: (**cn**) Mathur & Singh 1961b: 13; Stebbing 1903a: 263. (**hb**) Stebbing 1903a: 263. (**ds**) Beeson 1941 (1961: 288); Hagedorn 1910d: 45; Kleine 1914b: 269, 1934a: 143; Mathur & Singh 1961b: 13; Stebbing 1903a: 263. (**tx**) Beeson 1941 (1961: 288); Hagedorn 1910a: 88; Stebbing 1903a: 263, 1914: 536; Wood, S. L. 1989: 174.
- striatopunctatus* Lea 1910: 142 (*Cryphalus*). Syntypes, sex?: National Park, Sidney, New South Wales, Australia; SAM, Adelaide. Synonymy: Wood 1989: 174.
References: (**ds**) Schedl 1936f: 527. (**tx**) Lea 1910: 141–142; Schedl 1938f: 45, 1939f: 32; Wood, S. L. 1989: 174.
- tantillus* Lea 1910: 142 (*Cryphalus*). Holotype, sex?: N.S. Wales: Richmond River, Australia; SAM, Adelaide. Synonymy: Wood 1989: 174.
Notes: (1) Schedl 1938f: 44 (to *Hypothenemus*).
References: (**ds**) Brimblecombe 1953: 20. (**tx**) Lea 1910: 142; Schedl 1938f: 44, 1942a: 169–170, 1942c: 163, 1948g: 25; Wood, S. L. 1989: 174.
- basjoo* Niisima 1910a: 9 (*Cryphalus*). Syntypes, sex?: Tokyo, Japan; Nobuchi Collection, Ibaraki. Synonymy: Wood 1972f: 46.
References: (**ds**) Beeson 1938: 288; Kleine 1934a: 142; Murayama 1936a: 126, 1953a: 9, 1954b: 162. (**tx**) Eggers 1929e; Murayama 1936a: 126, 1953a: 9, 1954b: 162; Niisima 1910a: 9, 1929: 55; Schedl 1934f: 1640, 1961k: 474; Wood, S. L. 1960a: 41, 1972f: 46.
- tuberculosis* Hagedorn 1912a: 339. Syntypes, sex?: Congo; Hamburg Museum, lost. Synonymy: Wood 1989: 174.
Notes: (3) Schedl 1939g: 170 (*pterygosperma*, nomen nudum).
References: (**cn**) Ghesquiere 1933a; Kleine 1932a: 302; Mayne & Donis 1951: 332. (**ec**) Aulmann 1913: 1–126; Mayne 1915: 577–596; Mayne & Donis 1951: 332. (**hb**) Kleine 1932a: 302. (**ds**) Ghesquiere 1933a; Kleine 1913b: 124, 1914b: 314, 1932a: 302, 1934a: 144; Lepesme et al. 1948: 645; Thompson, G. H.

- 1963: 48. **(tx)** Eggers 1924: 110, 1927a: 173; Hagedorn 1912a: 339; Schedl 1939g: 170, 1950d: 7, 17, 1951f: 40, 1951j: 19, 1952g: 50, 1952j: 2, 1954d: 871, 1954e: 49–50, 1957d: 10–11, 1961k: 475; Wood, S. L. 1989: 174.
- schwarzi* Hopkins 1915b: 11 (*Cosmoderes*). Holotype ♀; Haw Creek, Florida [USA]; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(bv)** Schedl 1960f: 29, **(hb)** Wood, S. L. 1953: 215, 1954a: 1066. **(ds)** Blatchley & Leng 1916: 593; Leng 1920: 339; Schedl 1960f: 29, 1961k: 502. **(tx)** Blatchley & Leng 1916: 593; Chamberlin 1939: 287; Hopkins 1915b: 11; Schedl 1961k: 502; Wood, S. L. 1953: 215, 1954a: 959, 1066, 1972f: 46.
- bradfordi* Hopkins 1915b: 15. Holotype ♀; Honolulu, Hawaii; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Beeson 1938b: 289. **(tx)** Hopkins 1915b: 13, 15; Wood, S. L. 1972f: 46.
- flavosquamosus* Hopkins 1915b: 15. Holotype ♀; Mount Coffee, Liberia, West Africa; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Kleine 1934a: 143. **(tx)** Hopkins 1915b: 13, 15; Schedl 1961k: 502; Wood, S. L. 1972f: 46.
- asiminae* Hopkins 1915b: 16. Holotype ♀; Plummers Island, Maryland [USA]; USNM, Washington. Synonymy: Wood 1954a: 1058. References: **(hb)** Blackman 1922b: 85; Chamberlin 1939: 291. **(ds)** Blackman 1922b: 85; Blatchley & Leng 1916: 597; Chamberlin 1939: 291; Kleine 1934a: 143; Leng 1920: 340. **(tx)** Blackman 1922b; Blatchley & Leng 1916: 597; Chamberlin 1939: 291; Hopkins 1915b: 13, 16; Schedl 1961k: 475; Wood, S. L. 1954a: 979, 1058.
- hamamelidis* Hopkins 1915b: 16. Holotype ♀; Morgantown, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1058. References: **(hb)** Chamberlin 1939: 294. **(ds)** Blatchley & Leng 1916: 597; Chamberlin 1939: 294; Kleine 1934a: 143; Leng 1920: 340. **(tx)** Blatchley & Leng 1916: 597; Chamberlin 1939: 294; Hopkins 1915b: 13, 16; Schedl 1961k: 475; Wood, S. L. 1954a: 979, 1058.
- myristicae* Hopkins 1915b: 16. Holotype ♀; Buitenzorg, Java; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(hb)** Kalshoven 1958a: 172. **(ds)** Browne 1961c: 78; Kleine 1934a: 143; Schedl 1959a: 479. **(tx)** Hopkins 1915b: 14, 16; Schedl 1939d: 408, 1939f: 31, 1942d: 2, 1958b: 99, 1959a: 479; Wood, S. L. 1972f: 46.
- nigricollis* Hopkins 1915b: 16. Holotype ♀; Capetown, South Africa; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Kleine 1934a: 143. **(tx)** Hopkins 1915b: 13–19; Schedl 1961k: 475; Wood, S. L. 1972f: 46.
- pruni* Hopkins 1915b: 16. Holotype ♀; Tryon, North Carolina [USA]; USNM, Washington. Synonymy: Wood 1954a: 1058. References: **(hb)** Beal & Massey 1945: 119; Chamberlin 1939: 294. **(ds)** Beal & Massey 1945: 119; Blatchley & Leng 1916: 597; Chamberlin 1939: 294; Kleine 1934a: 143; Leng 1920: 340. **(tx)** Beal & Massey 1945: 119; Blatchley & Leng 1916: 597; Chamberlin 1939: 294; Hopkins 1915b: 13, 16; Schedl 1961k: 475; Wood, S. L. 1954a: 959, 1058.
- rumseyi* Hopkins 1915b: 16. Holotype ♀; Little Falls, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1058. References: **(hb)** Beal & Massey 1945: 117; Blackman 1922b; Chamberlin 1939: 290. **(ds)** Beal & Massey 1945: 117; Blackman 1922b: 85; Blatchley & Leng 1916: 597; Chamberlin 1939: 290; Hopkins 1915b: 13, 16; Schedl 1961k: 475; Wood, S. L. 1954a: 959, 1058.
- tenuis* Hopkins 1915b: 16. Holotype ♀; Trece Aguas, Alta Verapaz, Guatemala; USNM, Washington. Synonymy: Wood 1972f: 47. References: **(ds)** Blackwelder 1947: 777; Kleine 1934a: 144. **(tx)** Hopkins 1915b: 14, 16; Wood, S. L. 1972f: 47.
- koebelei* Hopkins 1915b: 17. Holotype ♀; Brazil; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Blackwelder 1947: 777. **(tx)** Hopkins 1915b: 14, 17; Wood, S. L. 1972f: 46.
- lineatifrons* Hopkins 1915b: 17. Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Blackwelder 1947: 777; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 14, 17; Wood, S. L. 1972f: 46.
- mali* Hopkins 1915b: 17. Holotype ♀; Capetown, South Africa; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Kleine 1934a: 143. **(tx)** Hopkins 1915b: 14, 17; Schedl 1961k: 508; Wood, S. L. 1972f: 46.
- parvus* Hopkins 1915b: 17. Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Blackwelder 1947: 777; Kleine 1934a: 143; Leng & Mutchler 1917: 219; Martorell 1945: 469. **(tx)** Hopkins 1915b: 14, 17; Wood, S. L. 1972f: 46.
- sacchari* Hopkins 1915b: 17. Holotype ♀; Nevis, West Indies; USNM, Washington. Synonymy: Wood 1972f: 47. References: **(ds)** Blackwelder 1947: 777; Kleine 1934a: 144; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 14, 17; Wood, S. L. 1972f: 47.
- webbi* Hopkins 1915b: 17. Holotype ♀; Calapan,

- Mindoro, Philippine Islands; USNM, Washington. Synonymy: Wood 1972f: 47.
References: **(ds)** Kleine 1934a: 144; Schedl 1966b: 25. **(tx)** Hopkins 1915b: 14, 17; Nobuchi 1983: 300; Wood, S. L. 1972f: 47.
- flavipes* Hopkins 1915b: 18. Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 46.
References: **(ds)** Blackwelder 1947: 777; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 14, 18; Wood, S. L. 1972f: 46.
- punctifrons* Hopkins 1915b: 18. Holotype ♀; Lakeland, Florida [USA]; USNM, Washington. Synonymy: Wood 1954a: 1059.
References: **(hb)** Blackman 1922b: 88; Chamberlin 1939: 291. **(ds)** Blackman 1922b: 88; Blatchley & Leng 1916: 598; Chamberlin 1939: 291; Dodge 1938: 39; Hoffmann 1942: 13; Kaston 1938: 240; Kleine 1934a: 144; Leng 1920: 340. **(tx)** Blackman 1922b: 88; Blatchley & Leng 1916: 598; Chamberlin 1939: 291; Dodge 1938: 39; Hopkins 1915b: 14, 18; Schedl 1961k: 475; Wood, S. L. 1954a: 959, 1058.
- nigripennis* Hopkins 1915b: 19. Holotype ♀; Tallulah, Louisiana [USA]; USNM, Washington. Synonymy: Wood 1954a: 1059.
References: **(hb)** Blackman 1922b: 86–87; Chamberlin 1939: 291. **(ds)** Blackman 1922b: 86–87; Blatchley & Leng 1916: 598; Chamberlin 1939: 291; Kirk 1960a; Kleine 1934a: 143; Leng 1920: 340. **(tx)** Blackman 1922b: 86–87; Blatchley & Leng 1916: 598; Chamberlin 1939: 291; Hopkins 1915b: 14, 19; Schedl 1961k: 475; Wood, S. L. 1954a: 959, 1058–1059.
- ferrugineus* Hopkins 1915b: 20. Holotype ♀; Trece Aguas, Alta Verapaz, Guatemala; USNM, Washington. Synonymy: Wood 1972f: 46.
References: **(ds)** Blackwelder 1947: 777. **(tx)** Blackman 1922b: 87; Hopkins 1915b: 14, 20; Wood, S. L. 1972f: 46.
- heathi* Hopkins 1915b: 20. Holotype ♀; Independencia, Parahyba, Brazil; USNM, Washington. Synonymy: Wood 1972f: 46.
References: **(ds)** Blackwelder 1947: 777. **(tx)** Hopkins 1915b: 14, 20; Schedl 1952e: 450; Wood, S. L. 1972f: 46.
- punctipennis* Hopkins 1915b: 20. Holotype ♀; Capetown, "West" Africa; USNM, Washington. Synonymy: Wood 1972f: 46.
References: **(ds)** Kleine 1934a: 144; Schedl 1961k: 510. **(tx)** Hopkins 1915b: 15, 20; Schedl 1961k: 510; Wood, S. L. 1972f: 46.
- flavicollis* Hopkins 1915b: 24 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 47.
References: **(ds)** Blackwelder 1947: 778; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 21, 24; Wood, S. L. 1972f: 47.
- pygmaeus* Hopkins 1915b: 24 (*Stephanoderes*). Holotype ♀; Pagbilao, P.I.; USNM, Washington. Synonymy: Wood 1972f: 47.
References: **(ds)** Schedl 1966b: 29. **(tx)** Hopkins 1915b: 21, 24; Nobuchi 1983: 300; Wood, S. L. 1972f: 47.
- elongatus* Hopkins 1915b: 25 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 47.
References: **(ds)** Blackwelder 1947: 778; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 21, 25; Wood, S. L. 1972f: 47.
- subconcentralis* Hopkins 1915b: 25 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 47.
References: **(ds)** Blackwelder 1947: 778; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 21, 25; Wood, S. L. 1972f: 46.
- unicolor* Hopkins 1915b: 25 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 47.
References: **(ds)** Blackwelder 1947: 778; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 21, 25; Wood, S. L. 1972f: 47.
- ecynomi* Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; Morgantown, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1059.
References: **(hb)** Chamberlin 1939: 303. **(ds)** Chamberlin 1939: 303; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Blatchley & Leng 1916: 600; Chamberlin 1939: 303; Hopkins 1915b: 22, 26; Schedl 1961k: 475; Wood, S. L. 1954a: 1058.
- bicolor* Eggers 1919: 241. Lectotype ♀; Amani, East Africa; USNM, Washington, designated by Anderson & Anderson 1971: 6. Synonymy: Schedl 1957d: 11.
References: **(cn)** Souphieff & Scherbinovskaya 1937: 81. **(ds)** Kleine 1934a: 143; Souphieff & Scherbinovskaja 1937: 81. **(tx)** Anderson, W. H. & Anderson 1971: 6; Eggers 1919: 241, 1924: 110.
- ehlersi rotroi* Peyerimhoff 1919: 255. Syntypes, sex?; Sidi-bel-Abbes, Oran, North Africa; MNHN, Paris. Synonymy: Balachowsky: 1949a: 202.
References: **(tx)** Balachowsky 1943: 168, 1949a: 202; Peyerimhoff 1919: 255, 1938: 195; Schedl 1934f: 1640, 1961k: 475.
- juglandis* Blackman 1922b: 88. Syntypes, sex?; Port Gibson, Mississippi [USA]; USNM, Washington. Synonymy: Wood 1954a: 1058.
References: **(hb)** Chamberlin 1939: 292. **(ds)** Chamberlin 1939: 292; Kleine 1934a: 243; Leng & Mutchler 1927: 52. **(tx)** Blackman 1922b: 88; Chamberlin 1939: 292; Schedl 1961k: 475; Wood, S. L. 1954a: 959, 1058.
- pusillus* Eggers 1927a: 173. Lectotype ♀; Belg.-Congo (Mayumbe); USNM, Washington, designated by Anderson & Anderson 1971: 27. Synonymy: Wood 1989: 174.

- References: **(bv)** Schedl 1960f. **(cn)** Ghesquiere 1933a: 32–36, 1933b: 783–786; Magnin 1954: 468; Mayne & Donis 1951: 331; Schedl 1960f: 77; Souphieff & Scherbinovskaja 1937: 81. **(ec)** Cachan 1957: 15; Entwistle 1963a: 87; Mayne & Donis 1951: 331; Schedl 1958d: 190, 1961k: 511. **(hb)** Jones, Roberts, & Baker 1959: 23; Paulian 1951: 27–31; Schedl 1958d: 190, 1961k: 511. **(ds)** Ghesquiere 1933a: 32–36; Kleine 1934a: 144; Mayne & Donis 1962: 307; Schedl 1960f, 1961k: 511; Souphieff & Scherbinovskaja 1937: 81; Thompson, G. H. 1963: 47. **(tx)** Anderson, W. H. & Anderson 1971: 27; Eggers 1927a: 173; Mayne & Donis 1962: 307; Schedl 1950c: 204, 1950d: 7, 17, 1951f: 40, 1952j: 2, 1953d: 68, 1954d: 870, 1954e: 49, 1955f: 258, 1957c: 324, 1957d: 11, 1961k: 511, 1979c: 206; Wood, S. L. 1989: 174.
- intersetosus* Eggers 1928c: 85 (*Stephanoderes*). Lectotype ♀; Brazil, Sao Paulo (Umgegend der Stadt); USNM, Washington designated by Anderson & Anderson 1971: 16. Synonymy: Wood 1972f: 47. References: **(cn)** Costa Lima 1956. **(hb)** Costa Lima 1956; Viana 1964: 122. **(ds)** Blackwelder 1947; Bright 1972d: 53; Costa Lima 1936, 1956; Kleine 1934a: 145; Schedl 1960a: 76; Viana 1964: 122. **(tx)** Anderson, W. H. & Anderson 1971: 16; Bright 1972d: 53, 1973: 18; Costa Lima 1956; Eggers 1928c: 85; Schedl 1951m: 71–73, 1957a: 192, 1958f: 35; Wood, S. L. 1972f: 47, 1977d: 513, 1979c: 127.
- gracilis* Eggers 1929c: 51 (*Stephanoderes*). Holotype ♀; Cuba; NHMW, Wien, automatic. Synonymy: Wood 1974d: 282. Notes: (1) A replacement name for *obscurus* Ferrari. References: **(cn)** Costa Lima 1956; Schmitz & Crisinel 1957: 11. **(hb)** Costa Lima 1956; Kalshoven 1963; Schmitz & Crisinel 1957: 11. **(ds)** Blackwelder 1947: 778; Costa Lima 1956; Dinther 1960: 111; Kalshoven 1963. **(tx)** Costa Lima 1956; Eggers 1929c: 51, 1940a; Schedl 1951b: 375–376, 1951m: 71–73; Wood, S. L. 1974d: 282.
- lezjavai* Pjatnitskii 1929a: 15. Syntypes, sex?; Georgia, USSR; not located. Synonymy: Schedl 1961k: 482. References: **(hb)** Davatchi 1958; Lezhava 1930: 863; Stark 1952: 291. **(ds)** Balachowsky 1963a: 1281; Davatchi 1958; Kleine 1934a: 143; Kobakhidze 1957: 178; Pfeffer 1935: 158; Stark 1952: 291. **(tx)** Pjatnitskii 1929a: 1, 15; Schedl 1934f: 1640, 1961k: 475; Sokanovskii 1954: 17; Stark 1952: 291.
- citri* Ebeling 1935: 21. Holotype ♀; Orange, California [USA]; CAS, San Francisco. Synonymy: Wood 1954a: 1059. References: **(cn)** Ebeling 1950, 1959. **(hb)** Chamberlin 1939: 289; Ebeling 1950. **(ds)** Blackwelder 1939; Chamberlin 1939: 289; Ebeling 1935: 21, 1950, 1959. **(tx)** Chamberlin 1939: 289; Ebeling 1935: 21; Schedl 1961k: 475; Wood, S. L. 1954a: 959, 1058.
- erythrinae* Eggers 1936d: 628 (*Stephanoderes*). Holotype ♀; Sakalaspur, India; BMNH, London, 1 Eggers cotype in NHMW, Wien. Synonymy: Wood 1972f: 47. References: **(ds)** Beeson 1940: 195, 1961: 288; Brimblecombe 1953: 20; Browne 1961c: 78. **(tx)** Eggers 1936d: 627–628; Schedl 1948g: 25, 1953b: 124, 1955b: 284, 1958b: 99, 1979c: 92; Wood, S. L. 1972: 47.
- bicolor* Schedl 1939f: 32. Lectotype ♀; Java, Pengandaran; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 38, preoccupied by Eggers 1919. Synonymy: Schedl 1957d: 11. References: **(hb)** Kalshoven 1958: 170; Yunus & Hua 1980: 229. **(ds)** Yunus & Hua 1980: 229. **(tx)** Eggers 1919, 1924; Numberg 1960: 609; Schedl 1939e: 326, 328, 1939f: 32, 1942d: 2, 1950g: 896, 1953b: 124, 1953c: 288, 1957d: 11, 1961k: 475–476, 1979c: 38.
- argentinensis* Schedl 1939d: 408. Lectotype, sex?; Corrientes, Buenos Aires; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 24. Synonymy: Wood 1989: 174. References: **(hb)** Viana 1964: 121. **(ds)** Blackwelder 1947; Viana 1964: 121. **(tx)** Schedl 1939d: 408–409, 1948d: 36, 1952a: 446, 1958f: 34–35, 1979c: 24; Wood, S. L. 1989: 174.
- cylindricus* Schedl 1939d: 409. Lectotype, sex?; Isla Martin Garcia [Argentinien]; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 74, preoccupied by Hopkins 1915. Synonymy: Wood 1989: 174. References: **(cn)** Ghesquiere 1933a: 32. **(ds)** Blackwelder 1947: 777; Ghesquiere 1933a. **(tx)** Schedl 1939d: 409, 1951m: 71–73, 1952a: 446, 1957d: 12, 1961k: 547, 1979c: 74; Wood, S. L. 1989: 174.
- asaroriensis* Beeson 1940: 195. Holotype ♀; United Provinces: Asarori, Dehra Dun Division; FRI, Dehra Dun. Synonymy: Wood 1989: 174. References: **(cn)** Mathur & Singh 1960b: 9, 1961a: 63. **(ds)** Beeson 1961: 228; Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1960b: 9, 1961a: 63. **(tx)** Beeson 1940: 195; Wood, S. L. 1989: 174.
- dubiosus* Schedl 1940c: 207. Lectotype, sex?; Hamburgfarn, Ebene Limon, Costa Rica; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 84. Synonymy: Wood 1972f: 47. References: **(tx)** Schedl 1940c: 207, 1979c: 84; Wood, S. L. 1972f: 47.
- subcylindricus* Eggers 1940c: 233 (*Stephanoderes*). Holotype ♀; Mosolo Kwenge, Kwango,

- Congo; MRCB, Tervuren. Synonymy: Schedl 1957d: 10.
References: **(tx)** Eggers 1940c: 233–234; Schedl 1950d: 3, 1953d: 68, 1957d: 10–11, 1961k: 476, 1979c: 241.
- mauiensis* Schedl 1941f: 110. Lectotype, sex?; Maui: Iao Valley; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 150. Synonymy: Wood 1989: 174.
References: **(ds)** Ford 1958: 333; Swezey 1941: 119, 1954: 83. **(tx)** Schedl 1941f: 110, 1959a: 480, 1979c: 150; Wood, S. L. 1989: 174.
- glabratus* Schedl 1942a: 175. Lectotype ♀; Kuala Lumpur, Malaya; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 105. Synonymy: Schedl 1961k: 482.
References: **(ds)** Browne 1961c: 78. **(tx)** Schedl 1942a: 175, 1942c: 174, 1953c: 288, 292, 1961k: 476, 482, 1979c: 105.
- calacensis* Eggers 1944b: 94 (*Archeophalus*). Syntypes ♀; Eala, Belgisch-Congo; MRCB, Tervuren. Synonymy: Schedl 1957d: 10.
Notes: (1) Schedl 1961k: 476 (to *Hypothenus*).
References: **(cn)** Mayne & Donis 1951: 333. **(ec)** Mayne & Donis 1951: 333. **(ds)** Mayne & Donis 1962: 311. **(tx)** Eggers 1944b: 94; Schedl 1950c: 204, 1950d: 3, 17, 1957d: 10–11, 1961k: 476, 1979c: 86.
- namulus* Schedl 1948f: 263 (*Stephanoderes*). Lectotype, sex?; Fernando, Noronha; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 163. Synonymy: Wood 1989: 174.
References: **(tx)** Schedl 1948f: 263, 1979c: 163; Wood, S. L. 1989: 174.
- parilis* Schedl 1951m: 100. Lectotype, sex?; Brasilien, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 185. Synonymy: Wood 1989: 174.
References: **(ec)** Schedl 1958d: 190. **(tx)** de Ruette 1970: 102; Schedl 1951m: 100, 1963i: 64, 1979c: 185; Wood, S. L. 1989: 174.
- obscuriceps* Schedl 1952a: 449. Lectotype ♀; Argentina: Buenos Aires, Pilar, Misiones, Dep. Concep., Santa Maria; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 175. Synonymy: Wood 1989: 174.
References: **(hb)** Viana 1964: 121. **(ds)** Viana 1964: 121. **(tx)** Schedl 1951m: 98, 1952a: 449, 1958f: 35–36, 1979c: 175; Wood, S. L. 1989: 174.
- tigrens* Schedl 1952a: 452 (*Stephanoderes*). Lectotype, sex?; Argentina, Buenos Aires, Tigre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 253. Synonymy: Wood 1989: 174.
References: **(hb)** Browne 1961c: 78. **(ds)** Browne 1961c: 78. **(tx)** Schedl 1952a: 452, 1979c: 253; Wood, S. L. 1989: 174.
- glabratellus* Schedl 1953c: 292. Lectotype, sex?; Selangor, Kepong, Malaya; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 105. Synonymy: Schedl 1961k: 482.
References: **(hb)** Browne 1961c: 78. **(ds)** Bright 1972d: 52; Browne 1961c: 78. **(tx)** Bright 1972d: 52; Schedl 1953c: 288, 292, 1961k: 476, 482, 1979c: 105.
- parcius* Schedl 1957d: 49. Holotype, sex?; Congo Belge: Yangambi, Mabikwa; MRCB, Tervuren. Synonymy: Wood 1989: 174.
References: **(hb)** Schedl 1961k: 509. **(ds)** Browne 1983a: 556; Schedl 1959a: 479, 1961k: 509. **(tx)** Schedl 1957d: 49, 1959a: 479, 1961k: 509, 1963i: 44, 1979c: 185; Wood, S. L. 1989: 174.
- cylindripennis* Schedl 1957d: 51. Holotype, sex?; Congo Belge: Kivu, Mulungu; MRCB, Tervuren. Synonymy: Wood 1989: 174.
References: **(ds)** Mayne & Donis 1962: 306; Schedl 1961k: 471. **(tx)** Schedl 1957d: 51, 1961k: 471, 1979c: 74; Wood, S. L. 1989: 174.
- vianai* Schedl 1958f: 42. Lectotype, sex?; Argentinien: Buenos Aires, Tigre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 267. Synonymy: Wood 1989: 174.
References: **(hb)** Viana 1964: 121. **(ds)** Viana 1964: 121. **(tx)** Schedl 1958f: 42, 1979c: 267; Wood, S. L. 1989: 174.
- mesoleius* Schedl 1959a: 480. Syntypes ♀; Ceylon: Millawitiya Estate; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 174.
References: **(ds)** Schedl 1959a: 480. **(tx)** Schedl 1959a: 480, 1979c: 152.
- minutulus* Schedl 1972j: 225. Holotype, sex?; Ceylon, Central-North Central, Peradeniya, 550 m; MHNG, Geneve. Synonymy: Wood 1989: 174.
References: **(tx)** Schedl 1972j: 225; Wood, S. L. 1989: 174.
- minutus* Schedl 1978c: 299 (*Cryphalus*). Holotype, sex?; Brasilien, Nova Teutonia, 300–500 m, 27 11 Br., 52 23 L.; Schedl Collection in NHMW, Wien, preoccupied by Hopkins 1915. Synonymy: Wood 1989: 177.
References: **(tx)** Schedl 1978c: 299, 1979c: 157; Wood, S. L. 1989: 277.
- euphorbiae* (Schedl) 1961e: 135 (*Stephanoderes*). Holotype, sex?; Madagascar, Faux-Cap; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Euphorbia stenoclada*.
References: **(tx)** Schedl 1961e: 135, 1977a: 71, 1979c: 92.
- eximius* Schedl 1951m: 99. Lectotype, sex?; Brasilien, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 94.
Distribution: South America (Brazil).

References: (tx) Schedl 1951m: 99, 1979c: 94.

externedentatus Schedl 1959a: 480. Holotype ♀; Ceylon: Millawitiya Estate; Schedl Collection in NHMW, Wien.

Distribution: Asia (Sri Lanka).

References: (ds) Schedl 1959a: 480. (tx) Schedl 1959a: 480, 1979c: 94.

flavus Hopkins 1915b: 17. Holotype ♀; Island of Java; USNM, Washington.

Distribution: Indonesia (Java).

References: (tx) Hopkins 1915b: 14, 17; Schedl 1942d: 12, 1950g: 896.

fuscicollis (Eichhoff) 1878b: 148 (*Stephanoderes*). Holotype, sex?; Columbia: Hamburg Museum, lost.

Distribution: Africa (Ghana), Antilles Islands (Jamaica), Asia (Punjab in India/ Japan), Indonesia (Java, Sumatra), North America (Belize), South America (Brazil/ Colombia/ Venezuela).

Notes: (1) Identity of this species is based on a specimen in the Schedl Collection (on loan from Eggers) that was compared by Eggers in 1925 to the holotype of *fuscicollis*.

References: (cn) Costa Lima 1956. (hb) Costa Lima 1956. (ds) Blackwelder 1947: 778; Costa Lima 1936, 1956; Hagedorn 1910d: 43; Kleine 1913b: 121, 1914b: 342; LePelly 1968: 113. (tx) Costa Lima 1956; Eichhoff 1878a: 386, 1878b: 148; Hagedorn 1910a: 86; Hopkins 1915b: 23.

sundaensis Eggers 1927b: 396 (*Stephanoderes*). Holotype ♀; Haboko, Sumatra; Eggers Collection, in NHMW, Wien. Synonymy: Wood 1989: 174.

References: (hb) Kalshoven 1958b: 170. (ds) Browne 1961c: 79, 1970: 540, 1984a: 150; Peter, Bagle, & Balasabramanian 1984; Schedl 1959a: 485, 1964c: 304; Wood, S. L. 1982b: 881. (tx) Eggers 1927b; Schedl 1939f: 34, 1942a: 169–170, 1950f: 36–37, 1952c: 63, 1953b: 124, 1959a: 485, 1979c: 247; Wood, S. L. 1982b: 881, 1989: 174.

aequaliclavatus Schedl 1939f: 33. Lectotype ♀; Buitenzorg, Java; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 13. Synonymy: Wood 1982b: 881.

References: (ds) Kalshoven 1958: 170; Wood, S. L. 1977a: 70. (tx) Schedl 1939f: 33–35, 1942d: 2, 1979c: 13; Wood, S. L. 1982b: 881.

costalimai Nunberg 1958a: 484 (*Ernophloeus*). Holotype, sex?; Ceara [Brazil]; Nunberg Collection, IZW, Warsaw. Synonymy: Wood 1986c: 266.

References: (cn) Azavedo 1924a. (ds) Nunberg 1958a: 480. (tx) Nunberg 1958a: 480; Wood, S. L. 1986c: 266.

ghanaensis Schedl 1962h: 67. Holotype, sex?; Ghana, Kumasi; BMNH, London. Synonymy: Wood 1989: 174.

References: (tx) Schedl 1962h: 67, 1962k: 1068, 1979c: 103; Wood, S. L. 1989: 174.

glabratus (Schedl) 1957a: 192 (*Stephanoderes*). Syntypes, sex?; Jamaica, Rum Cave vicinity; St. Ann Parish, and Puerto Rico: Rio Piedras; Schedl Collection in NHMW, Wien.

Distribution: Antilles Islands (Jamaica/ Puerto Rico).

Notes: (1) Schedl 1979c: 105 (citation of holotype invalid).

References: (ds) Bright 1972d: 52, 1985c: 175. (tx) Bright 1972d: 52, 1985c: 175; Schedl 1957a: 192, 1979c: 105.

glabripennis (Hopkins) 1915b: 32 (*Stephanoderes*). Holotype ♀; Angat, P.I.; USNM, Washington.

Figures: Maiti & Saha 1986: 165 (adult).

Distribution: Asia ("China"/ Andaman Islands in India/ Malaya/ Thailand), Indonesia (Java, Sumatra), Philippine Islands.

Hosts: *Cassia* sp., *Styrax benzoin*, *Swietenia macrophylla*, *Tamarindus indica*.

References: (hb) Beaver & Browne 1975: 290, 1978: 591; Kalshoven 1958b: 168–169. (ds) Beaver & Browne 1975: 290, 1978: 591; Beeson 1961: 298; Browne 1961c: 72; Maiti & Saha 1986: 164. (tx) Browne 1970: 555; Hopkins 1915b: 24, 32; Maiti & Saha 1986: 164; Nobuchi 1983: 300; Schedl 1942a: 169–170, 1942d: 2, 1953b: 124, 1954a: 139.

gossypii (Hopkins) 1915b: 25 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington.

Distribution: Antilles Islands (Cuba), North America (Hidalgo in Mexico/ S Florida in USA).

Hosts: *Annona* sp., *Bidens pilosa*, *Cajanus cajan*, *Capparis bifolia*, *Gossypium* spp., *Ica imbricata*, *Mangifera indica*, *Parmentiera edulis*, *Persea americana*, *Poinsettia heterophylla*, *Sida rhombifolia*, *Tectona grandis*.

References: (cn) Simmonds 1924: 61–62; Souphieff & Scherbinovskaja 1937: 81. (ds) Atkinson & Equihua 1985c: 357; Atkinson et al. 1986: 64; Beeson 1938b: 295; Bright 1985c: 175; Costa Lima 1928: 121; Hargreaves 1948; Kleine 1934a: 145; Leng & Mutchler 1917: 219; Souphieff & Scherbinovskaja 1937: 81; Wood, S. L. 1982b: 903. (tx) Bright 1985c: 175; Hopkins 1915b: 21, 25; Schedl 1950f: 38; Wood, S. L. 1967b: 78, 1982b: 903.

beameri Wood 1954a: 1056. Holotype ♀; Homestead, Florida [USA]; SMUK, Lawrence. Synonymy: Wood 1967b: 78, 1972: 48.

References: (hb) Wood, S. L. 1953: 196, 1954a: 1056. (tx) Wood, S. L. 1953: 196, 1954a: 1056, 1967b: 78, 1972f: 48.

grandis Schedl 1939i: 384. Lectotype, sex?; Ukerewe, Tanganyika Territory; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 109.

Figures: Schedl 1961k: 503.

Distribution: Africa (Tanzania/ Zaire).

Hosts: *Anisopappus* sp., *Coffea* sp., *Dissotis grandiflora*, *Doryalis* sp., *Geniosporum paludosum*, *Indigofera arrecta*, *Kosteletzkya adoensis*, *Lactuca* sp., *Paullinia pinnata*, *Phyllanthus* sp., *Polygonum tomentosum*, *Prunus salasii*, *Theobroma cacao*, *Triumfetta* sp., *Veronia* sp., *Vireta multiflora*.

References: (tx) Schedl 1939g: 170, 1939i: 384, 1961k: 502–503, 1964j: 45, 1979c: 109.

hampei (Ferrari) 1867a: 11–12 (*Cryphalus*). Syn-types ♀; Gallia [in coffee beans]; NHMW, Wien. Figures: Frolich & Rodewald 1969, Le Pelley 1968: 114, Mbondii 1973, Schedl 1961k: 562–563, Yunus & Balsubramaniam 1975: 74.

Distribution: Africa (Angola/ Cameroon/ Canary Islands/ Equatorial Guinea/ Central African Republic/ Chad/ Congo/ Fernando Po/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Liberia/ Nigeria/ Sao Tome Island/ Sierra Leone/ South Africa/ Sudan/ Tanzania/ Togo/ Uganda/ Zaire), Antilles Islands (Jamaica/ Puerto Rico), Asia (India/ Iran/ Malaya/ Sri Lanka/ Thailand), Indonesia (Java, Sumatra), Micronesia, New Caledonia, North America (Guatemala/ Honduras), Philippine Islands, Samoan Islands, South America (Argentina/ Brazil/ Colombia/ Suriname), Tahiti Islands. Intercepted worldwide in coffee beans.

Hosts: *Coffea arabica*, *C. liberica*, *C. robusta*.

References: (ay) Brun, Gaudichan, & Marcilland 1989; Edwards et al. 1952, 1953; Ferrao 1951; Herfs 1949: 26; Lhoste & Roche 1960; Mbondji 1973; Van Ryn-Tournal 1975. (bv) Abdul Aziz 1969; Baker, P. 1984; Meixner 1937: 1217; Schedl 1960f: 43. (cn) A. T. 1925: 287–298; Abasa 1975, 1983; Abdul Aziz 1969; Ahrens & Vandenput 1952: 68–72; Almeida & Cavalcante 1964: 85–90; Almeida, Cavalcante, & Holanda 1967; Almeida, Pigatti, & Arrunda 1980; Alvarado 1939b; Amante, Cavalcante, & Balut 1971; Amaral 1959, 1962, 1963a, 1963b, 1964; Amaral, Arruda, & Yaya 1965; Amaral Castro 1924: 342–343; Ament 1928: 982; Anderson 1933: 95–110; Andrade 1914: 1–118; Annand 1942: 45–46; Anonymous 1919b: 194, 1921d: 603, 1922a: 456, 1924a: 354, 1926d: 920, 1928d: 14, 1930a: 23, 1937a: 217, 1962q, 1970p, 1980d; Arens 1921a: 314–320, 1921b: 296; Arisz 1923: 40–41, 1924: 1–63, 1925: 1–70; Arruda 1965; Aulmann & La Baume 1912: 48–54; Averna Sacea 1926: 1–87, 1930: 10–24, 195–213; Averoldi 1948; Azevedo 1924a: 85–86, 359–360; Baker, P. 1984; Bakker 1923: 1342; Bally 1921: 1, 1922: 43–61, 1924: 1–24, 1931; Bardner 1978: 459; Begemann 1925: 12–20, 1925: 97, 1925: 1263, 1926: 187, 1926: 194–232, 1926: 364, 1926: 803, 1927a: 329, 1927b: 1–21, 1927c: 194–207, 1928a: 285, 1928b: 573, 1928c: 353–359, 1929: 1–54, 1930, 1930: 11, 1956; Beille 1925: 387–388;

Bemelmans 1930: 418–424; Bergamin 1943: 31–72, 1944a, 1944b, 1944d, 1944e: 706–716, 1944g, 1945a, 1945c: 290–293, 1945d, 1945e, 1945f, 1945g, 1945h, 1945i, 1945j, 1946b, 1947a, 1947b, 1957, 1960; Berghe 1922: 957; Bernard 1923: 175–187, 1926: 1–22, 1928: 1–14; Berry 1959; Berthet 1913a: 312–313, 701, 1925: 1–54; Betrem 1931: 799, 1936: 196; Blackman 1950; Bondar 1925: 1–13, 1928: 1–64; Bonmefil 1954: 12; Boocock 1959d; Borgmeier 1927: 279; Bos 1923: 988–999; Boutilly 1900: 1–139; Bowden 1960; Bredo 1934: 8–19, 494–514; Browne 1961c: 73; Brun, Gaudichon, & Marcilland 1989; Bunting & Milsum 1930; Busck & Oliveira Filho 1925: 1–19; Bussy 1921, 1925: 249; Buyckx, Schmitz, & Crisinel 1954: 297–310; Cachan 1957: 15; Caminha Filho 1926: 122–127; Campos Novaes 1922: 67–70; Cheam & Ung 1973; Chevalier 1947: 1–356; Chiaromonte 1938b: 398–399; Cohic 1951, 1958: 10–14; Coleman 1931: 1–26; Coolhaas 1951; Coquard 1955: 137–142; Corbett 1929: 261–276, 1930: 212–214, 1931: 36–40, 1931: 48–64, 1931: 496–498, 1933: 8–22, 1935: 43–56, 1936: 41–53; Cordeiro Leite 1935: 648–654; Corporaal 1921: 1–8; Correa & Bastos 1960a, 1960b; Costa Lima 1922: 34–35, 1923: 111–114, 1925a: 194–199, 1925b: 368–374, 1925c: 16–19, 141–143, 226–227, 1928b: 117–123, 1928c: 3–49, 1936: 1–460, 1956; Costa Lima & Ravache 1925: 39–42; Cramer 1924: 20–21; Dammerman 1929; Dampf 1928: 14; D'Angremond 1940: 1–76; Davelaar 1921: 1–2; De Albuquerque Leao 1941; Decelle 1954; De Ingunza & Augusto 1964: 96–98; De La Torre et al. 1962a: 1–6, 1962b; Dias 1936: 60–66; Dinther 1960: 111; Do Amaral & Oliveira 1974; Do Amaral, Vaz Arruda, & Do Amaral 1973; Drouillon 1959: 198–207; Dumbleton 1954: 28, 104; Duport 1925: 79; Duval 1949: 85–102; Duval et al. 1948; Edwall 1924: 257–302; Edwards et al. 1952, 1953; Emden 1924: 187–188; Escherich 1926: 593–613, 645–652, 1927: 493–498; Esteves 1959a, 1959b, 1961; Evans, A. C. 1960; Evans, D. E. 1965a, 1965b: 335, 1965c; Ferrao 1951, 1964; Ferreira Lima 1945: 225–231; Figueiredo, Puzzie, & Orlando 1959: 21–24; Filho 1928; Fleutiaux 1901; Flores Ruegg, Lord, & Mesquita 1977; Fonseca 1930: 87, 1934: 267, 1937: 220–229, 1939a: 57–59; Fonseca & Antuori 1932: 1–87; Fonseca & Araujo 1939: 486–504; Fonseca & Morae 1938: 285–291, 325–334, 368–376; Fontes 1961a, 1961b; Forsyth 1960: 280; Franco do Amaral 1956: 39–47; Franco do Amaral & Puzzi 1960; Franz 1949a; Friederichs 1921: 368, 1922b, 1922c, 1922e, 1922f, 1923a, 1923b, 1923c, 1923d, 1923e, 1923f, 1924b, 1924c, 1924d, 1925a, 1925b, 1925c, 1925d, 1925e, 1926d: 36–40, 78, 123, 1927b: 1–14; Friederichs & Bally 1922: 78–80, 1923: 103–147; Frohlich & Rodewald 1969: 97; Gallo 1963; Gandrup 1921: 886, 1922b, 1922c,

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L. 1957e: 1273, 1960a: 35, 1977a: 71, 1982b: 888; Yunus & Hua 1980: 228; Zimmermann 1904: 70. **(tx)** Bright 1985c: 175; Corbett 1933; Costa Lima 1924, 1956; Eggers 1922a: 85, 1923a: 129–130, 1927a: 177, 1929: 50, 1936d: 626, 1940c: 233; Eichhoff 1872a: 133, 1878b: 153–155; Endrodi 1957b; Essig 1942: 605; Everts 1903: 756; Ferrari 1867a: 11–12, 1867b: 113; Frolich & Rodewald 1969; Hagedorn 1910a: 86, 1910e: 2; Hopkins 1915b: 24; Le Pelley 1968: 114; Lindemann 1877a: 168; Mbondii 1973; Meixner 1937: 1217; Nunberg

1952: 19; Peyerimhoff 1935: 193; Reitter 1894a: 74, 1902: 191, 1906: 707–713, 1913a: 72, 1916: 290; Sampson 1923a: 269–271; Schedl 1934f: 1640, 1941d: 380, 1942d: 2, 1950c: 204, 1950d: 7, 16, 19, 1951b: 376, 1951f: 40, 1953g: 241, 1954d: 871, 1955f: 258, 1957a: 192, 1959a: 485, 1961k: 562–563, 1980a: 16; Wood, S. L. 1957e: 1273, 1960a: 35, 1972f: 48, 1982b: 888; Yunus & Balasubramaniam 1975: 74. (**ms**) Boocock 1959d; Busse 1926; Do Amaral, Vaz Arruda, & Do Amaral 1973; Eggers 1940e: 63; Howard 1930: 360; Kalshoven 1961b: 94; Merino-Rodriguez 1966: 49; Solly 1966; Sprengel 1926: 78.

coffea Hagedorn 1910e: 1 (*Stephanoderes*). Syntypes ♀; Entebbe, Uganda, Zentralafrika, Angola; BMNH, London. Synonymy: Hagedorn 1912: 40.

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coffeivorus Weele 1910: 1 (*Xyleborus*). Syntypes, sex?; Java; not located. Synonymy: Strohmeier 1910f: 186.

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cooki Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; Mount Coffee, Liberia; USNM, Washington. Synonymy: Schedl 1959a: 485.

References: (**tx**) Hopkins 1915b: 22, 27; Schedl 1959a: 111, 1961k: 563.

cofeicola Campos Novaes 1922: 67 (*Xyleborus*). Syntypes, sex?; Brazil; not located. Synonymy: Costa Lima 1924: 316.

References: (**cn**) Bergamin 1945: 290–293. (**hb**) Kalshoven 1963. (**ds**) Blackwelder 1947: 778; Kalshoven 1963; Kleine 1934a: 172; Roba 1935: 340. (**tx**) Campos Novaes 1922: 67–68; Costa Lima 1924: 316–319, 413–416, 1925: 194–199, 365–368; Schedl 1959a: 485, 1961k: 563.

punctatus Eggers 1924: 101 (*Stephanoderes*). Lectotype, sex?; Eala (Congostaat); USNM, Washington, designated by Anderson & Anderson 1971: 27. Synonymy: Wood 1972f: 48. References: (**bv**) Schedl 1960f: 33. (**cn**) Ghesquiere 1933a: 26–36, 1933b: 774–782; Kemmer 1924: 1–33; Mayne & Donis 1951: 333–334. (**ec**) Mayne & Donis 1951: 333–334. (**hb**) Schedl 196k: 618. (**ds**) Ghesquiere 1933a: 26–36; Lepesme 1947: 644–645; Lepesme et al. 1948: 644; Mayne & Donis 1962: 313; Roba 1935: 340; Schedl 1960f: 11, 1961k: 618, 1967e: 212. (**tx**) Anderson, W. H. & Anderson 1971: 27; Eggers 1924: 101; Schedl 1961k: 618; Wood, S. L. 1972f: 48.

glabellus Schedl 1952a: 452 (*Stephanoderes*). Lectotype, sex?; Argentina, Buenos Aires, Isla Martin Cargia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 104. Synonymy: Wood 1989: 174.

References: (**hb**) Viana 1964: 122. (**ds**) Viana 1964: 122. (**tx**) Schedl 1952a: 452, 1979c: 104; Wood, S. L. 1974: 174.

hirsutus (Wood) 1954a: 1020 (*Stephanoderes*). Holotype ♀; Plantation Key, Florida [USA]; SMUK, Lawrence.

Distribution: North America (S Florida in USA). Hosts: *Acras sapota*, *Ardesia paniculata*, *Eugenia buxifolia*, *Ipomoea cathartica*, *Lysoloma bahamensis*, *Metopium toxiferum*, *Pithecellobium guadeloupense*, *P. unguis-cati*, *Reynosa septentrionalis*. References: (**hb**) Wood, S. L. 1953: 120, 1954a: 1020. (**ds**) Wood, S. L. 1982b: 881. (**tx**) Wood, S. L. 1953: 120, 1954a: 1017, 1020, 1982b: 881.

hirtipennis Schedl 1952a: 450. Lectotype, sex?; Argentine, Buenos Aires, Tigre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 118.

Distribution: South America (Argentina).

References: **(hb)** Viana 1964: 121. **(ds)** Viana 1964: 121. **(tx)** Schedl 1952a: 450, 1979c: 118.

hystrix (Eggers) 1919: 242 (*Adiacretus*). Lectotype ♀; Amani (Deutsch-Ostafrika); USNM, Washington, designated by Anderson & Anderson 1971: 14. Distribution: Africa (Tanzania).

Hosts: *Laurus nobilis*.

References: **(ds)** Kleine 1934a: 149; Schedl 1961k: 507. **(tx)** Anderson, W. H. & Anderson 1971: 14; Eggers 1919: 242–243, 1920: 120–121; Schedl 1939i: 380, 1961k: 507.

incognitus (Schedl) 1967e: 227 (*Stephanoderes*). Holotype ♀; Kindamba, Meya, Bangou forest [Congo, Brazzaville]; NHMB, Budapest.

Distribution: Africa (Congo).

References: **(tx)** Schedl 1967e: 227–228, 1979c: 123.

indigens Wood 1974a: 20. Holotype ♀; 9 km S Huajuapán, Oaxaca, Mexico; Wood Collection.

Distribution: North America (Jalisco, Nayarit, Oaxaca, Puebla in Mexico).

Hosts: *Psittacanthus* sp., *Serjania* sp., *Toxicodendron* sp.

References: **(ds)** Wood, S. L. 1982b: 883. **(tx)** Wood, S. L. 1974a: 20, 1982b: 883.

inermis Browne 1984d: 94. Holotype, sex?; New Guinea: Kaisenik; BMNH, London.

Distribution: New Guinea.

Hosts: *Nothofagus* sp.

References: **(tx)** Browne 1984d: 94.

ingens (Schedl) 1942d: 18 (*Stephanoderes*). Lectotype, sex?; Java, Semarang, teak forest, Buitenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 124.

Distribution: Asia (Vietnam), Indonesia (Java, Sumatra).

References: **(hb)** Kalshoven 1958b: 169. **(ds)** Browne 1970: 540; Schedl 1965a: 339, 1967e: 212. **(tx)** Schedl 1942d: 18, 1953b: 124, 1954a: 139, 1965g: 22, 1979c: 124.

grandis Schedl 1969c: 49 (*Cryphalomorphus*).

Holotype, sex?; Indo-China; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 174.

References: **(tx)** Schedl 1961k: 502, 1969c: 49, 1971e: 10, 1979c: 108; Wood, S. L. 1989: 174.

insignis Browne 1984a: 151. Holotype, sex?; Niah (Sarawak) to Nagoya (Japan), imported; BMNH, London.

Distribution: Indonesia (Sarawak in Borneo).

References: **(tx)** Browne 1984a: 151.

interstitialis (Hopkins) 1915b: 28 (*Stephanoderes*). Holotype ♀; Victoria, Texas [USA]; USNM, Washington.

Distribution: Antilles Islands (Cuba/ Jamaica), North America (Costa Rica/ Guatemala/ Honduras/ Chiapas, Nayarit, Veracruz in Mexico/ Panama/ Alabama, Connecticut, District of Columbia, Florida, Georgia, Illinois, Kansas, Ken-

tucky, Louisiana, Maryland, Mississippi, New Jersey, North Carolina, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, West Virginia in USA), South America (Brazil/ Colombia).

Hosts: *Acer rubrum*, *Aesculus* sp., *Carya* spp., *Cercis canadensis*, *Fagus grandifolia*, *Ficus* sp., *Liquidambar styraciflua*, *Magnolia* sp., *Miconia* sp., *Mimosa* sp., *Morus rubra*, *Ocotea catesbyana*, *Persea borbonica*, *Picea* sp., *Prosopis* sp., *Quercus* spp., *Rhododendron* sp., *Rhus* spp., *Serjania* sp., *Vismia* sp., *Vitis* sp.

References: **(bv)** Roling & Kearby 1975b, 1977. **(cn)** Roling & Kearby 1977. **(ec)** Equihua & Atkinson 1986: 632; Roling & Kearby 1977. **(hb)** Baker, W. L. 1972: 254; Blackman 1922b: 93–94; Chamberlin 1939: 307; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 632; Wood, S. L. 1953: 145, 1954a: 1033. **(ds)** Atkinson & Equihua 1985c: 356, 1988: 92; Blackman 1922b: 93–94; Bright 1985c: 175; Chamberlin 1939: 307; Deyrup 1981b: 7; Deyrup & Atkinson 1987a: 66; Drooz 1985: 368; Equihua & Atkinson 1986: 632, 1988: 210; Kirk 1970; Leng 1940: 340; Turnbow & Franklin 1980; Wood, S. L. 1982b: 887. **(tx)** Blackman 1922b: 93–94; Bright 1985c: 175; Chamberlin 1939: 307; Hopkins 1915b: 22, 28; Wood, S. L. 1953: 145, 1954a: 959, 1033, 1972f: 48, 1982b: 887.

interpunctus Hopkins 1915b: 28 (*Stephanoderes*). Holotype ♀; Brownsville, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1033.

References: **(hb)** Beal & Massey 1945: 114; Blackman 1922b: 93; Chamberlin 1939: 307. **(ds)** Beal & Massey 1945: 114; Blackman 1922b: 93; Blackwelder 1947: 778; Chamberlin 1939: 307; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Beal & Massey 1945: 114; Blackman 1922b: 93; Chamberlin 1939: 307; Hopkins 1915b: 22, 28; Schedl 1940a: 342; Wood, S. L. 1954a: 959, 1033.

flavescens Hopkins 1915b: 29 (*Stephanoderes*). Holotype ♀; Tallahassee, Florida [USA]; USNM, Washington. Synonymy: Wood 1954a: 1033.

References: **(hb)** Chamberlin 1939: 309. **(ds)** Blatchley & Leng 1916: 602; Chamberlin 1939: 309; Leng 1920: 340. **(tx)** Blackman 1922b: 92; Blatchley & Leng 1916: 602; Chamberlin 1939: 309; Hopkins 1915b: 23, 29; Wood, S. L. 1954a: 959, 1033.

approximatus Hopkins 1915b: 29 (*Stephanoderes*). Holotype ♀; Columbus, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1033.

References: **(hb)** Blackman 1922b: 93; Chamberlin 1939: 307. **(ds)** Blackman 1922b; Chamberlin 1939: 307; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Blackman 1922b: 93;

- Chamberlin 1939: 307; Hopkins 1915b: 23, 29; Wood, S. L. 1954a: 959, 1033.
- obliquus* Hopkins 1915b: 30 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 48. References: (**ds**) Blackwelder 1947: 778; Leng & Mutchler 1917: 219. (**tx**) Hopkins 1915b: 23, 30; Wood, S. L. 1972f: 48.
- opacipennis* Hopkins 1915b: 30 (*Stephanoderes*). Holotype ♀; District of Columbia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1033. References: (**hb**) Chamberlin 1939: 309. (**ds**) Blatchley & Leng 1916: 602; Chamberlin 1939: 309; Leng 1920: 340. (**tx**) Blatchley & Leng 1916: 602; Chamberlin 1939: 309; Hopkins 1915b: 23, 30; Wood, S. L. 1954a: 959, 1033.
- quadridentatus* Hopkins 1915b: 30 (*Stephanoderes*). Holotype ♀; Morgantown, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1033. References: (**hb**) Blackman 1922b: 91; Chamberlin 1939: 306. (**ds**) Blackman 1922b: 91; Blatchley & Leng 1916: 602; Chamberlin 1925, 1939: 306; Hoffmann 1942: 13; Kleine 1934a: 145; Leng 1920: 340. (**tx**) Blackman 1922b: 91; Blatchley & Leng 1916: 602; Chamberlin 1939: 306; Hopkins 1915b: 23, 30; Wood, S. L. 1954a: 959, 1033.
- intricatus* (Schedl) 1950d: 25 (*Stephanoderes*). Holotype, sex?; Uganda; Schedl Collection in NHMW, Wien. Distribution: Africa (Uganda). Hosts: *Theobroma cacao*. References: (**ds**) Schedl 1961k: 599. (**tx**) Nunberg 1960: 291; Schedl 1950d: 25, 1961k: 590, 599, 1979c: 128.
- japonicus* (Niisima) 1910a: 10 (*Cryphalus*). Syn-types, sex?; Japan: Honshu; Nobuchi Collection, Ibaraki. Distribution: Asia (Honshu in Japan). References: (**ds**) Murayama 1954b: 199; Nobuchi 1985c: 16. (**tx**) Murayama 1954b: 199; Niisima 1910a: 10; Schedl 1934f: 1640.
- javanus* (Eggers) 1908c: 215 (*Stephanoderes*). Lectotype ♀; Java; USNM, Washington, designated by Anderson & Anderson 1971: 16. Figures: Maiti & Saha 1986: 167 (adult, antenna). Distribution: Africa (Cameroon/ Congo/ Gabon/ Ghana/ Ivory Coast/ Mozambique/ Sierra Leone/ St. Thome Island/ Zaïre/ Zambia). Antilles Islands (Cuba/ Guadeloupe/ Haiti in Hispanola/ Martinique), Asia (Andaman Islands, Assam, Kerala, Nicobar Islands in India/ Malaya/ Sri Lanka/ Taiwan/ Thailand), Indonesia (Borneo, Java), North America (Jalisco in Mexico/ Florida in USA), Philippine Islands, South America (Brazil/ Venezuela).
- Hosts: *Bauhinia alba*, *B. tomentosa*, *Budianana sessilifolia*, *Caesalpinia pulcherrima*, *Conocarpus erecta*, *Dipterocarpus zeylanicus*, *Dryobalanops aromatica*, *Dyera costulata*, *Eleagnus pungens fruitlandi*, *Ficus aurea*, *Gossypium hirsutum*, *Hevea brasiliensis*, *Leucania glauca*, *Mangifera indica*, *Ochroma* sp., *Ocotea catesbiana*, *Personia borbonia*, *Rhcedia* sp., *Rhizophora mangle*, *Sterculia macrophylla*, *Tamarindus indica*, *Trema floridana*, *Vitis* sp. References: (**cn**) Mathur & Singh 1961a: 70; Sladden 1934: 27. (**ec**) Sladden 1934: 27; Wichmann 1955a: 98. (**hb**) Beaver 1987a: 19; Beaver & Loyttyneimi 1985a: 80; Browne 1961c: 72–73; Deyrup & Atkinson 1987a: 66; Kalshoven 1958b: 169; Loyttyneimi, Beaver, & Loyttyneimi 1984; Sladden 1934: 27; Yunus & Hua 1980: 229. (**ds**) Atkinson & Equihua 1985c: 357; Beaver 1987a: 19, 1990a: 280; Beaver & Loyttyneimi 1985a: 80; Beeson 1961: 299; Bright 1985c: 175; Browne 1961c: 73, 1980d: 493; Deyrup & Atkinson 1987a: 66; Hagedorn 1910d: 43; Kleine 1913b: 121, 1914b: 288, 1934a: 145; Maiti & Saha 1986: 167; Mathur & Singh 1961a: 70; Nobuchi 1967: 24; Schedl 1936d: 1, 1959a: 485; Van Swaloenburg 1956: 9; Wichmann 1955a: 98; Wood, S. L. 1957c: 402, 1977a: 71, 1982b: 909; Yunus & Hua 1980: 229. (**tx**) Anderson, W. H. & Anderson 1971: 16; Bright 1985c: 175; Eggers 1908c: 215, 1922b: 167, 1927b: 396, 1936d: 626; Hagedorn 1910a: 86; Hopkins 1915b: 24; Schedl 1939f: 35, 1942d: 3, 1952c: 62, 1954a: 139, 1958k: 143, 1959a: 485, 1959e: 328, 1961k: 603, 1962p: 204, 1979c: 130; Wood, S. L. 1957c: 402, 1960a: 79, 1967b: 79, 1975b: 393, 1976a: 348, 1982b: 909.
- obesus* Hopkins 1915b: 30 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1957c: 402. References: (**hb**) Wood, S. L. 1953: 139, 1954a: 1029. (**ds**) Blackwelder 1947: 778; Leng & Mutchler 1917: 219. (**tx**) Hopkins 1915b: 23, 30; Schedl 1962p: 204; Wood, S. L. 1953: 139, 1954a: 1018, 1029, 1957c: 402, 1975b: 393.
- philippinensis* Hopkins 1915b: 31 (*Stephanoderes*). Holotype ♀; Angat, Philippine Islands; USNM, Washington. Synonymy: Wood 1975f: 393. References: (**tx**) Hopkins 1915b: 23, 31; Wood, S. L. 1957c: 402, 1975b: 393.
- bananensis* Eggers 1922b: 167 (*Stephanoderes*). Syntypes 2, sex?; Banana, Congo; Eggers Collection (USNM, Washington or NHMW, Wien?). Synonymy: Wood 1972f: 51. References: (**bv**) Schedl 1960f: 77. (**cn**) Ghesquiere 1933a: 31–35, 1933b: 782; Schmitz & Crisinel 1957: 12. (**hb**) Schmitz & Crisinel 1957: 12. (**ds**) Ghesquiere 1933a; Kleine 1934a: 145; Schedl 1960f: 31, 1961k: 552. (**tx**) Eggers 1922b: 167–168, 1924: 102, 1927a:

- 197; Schedl 1948c: 664, 1950d: 17, 1954d: 871, 1961k: 547, 552; Wood, S. L. 1967b: 79, 1972f: 51, 1975b: 393.
- kalshoveni* Schedl 1939f: 35 (*Stephanoderes*). Lectotype, sex?; Pasoeroean, Java; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 131. Synonymy: Wood 1972f: 51. References: (hb) Kalshoven 1958: 169. (tx) Schedl 1939f: 35–36; Wood, S. L. 1972f: 51, 1975b: 393, 1979c: 131.
- subagnatus* Eggers 1940b: 101 (*Stephanoderes*). Holotype ♀; Eala, Congo; MRCB, Tervuren. Synonymy: Wood 1972f: 51. References: (ec) Schedl 1961k: 625. (hb) Schedl 1961k: 625. (ds) Mayne & Donis 1962: 313; Schedl 1961k: 625, 1962h: 58, 1962k: 1070. (tx) Eggers 1940b: 101–102; Schedl 1961k: 625, 1979c: 239; Wood, S. L. 1967b: 79, 1972f: 51, 1975b: 393.
- pistor* Schedl 1951m: 102 (*Stephanoderes*). Syn-types 2, sex?; Havana, Cuba; Schedl Collection in NHMW, Wien. Synonymy: Wood 1976a: 348. Notes: (1) Schedl 1979c: 195 (citation of holotype invalid). References: (tx) Schedl 1951m: 102, 1979c: 195; Wood, S. L. 1976a: 348.
- prosper* Schedl 1951m: 103 (*Stephanoderes*). Holotype ♀; Guadeloupe; Schedl Collection in NHMW, Wien. Synonymy: Wood 1976a: 348. References: (ds) Schedl 1960a: 76. (tx) Schedl 1951m: 103, 1979c: 199; Wood, S. L. 1976a: 348.
- kraunhiae* (Murayama) 1950a: 50 (*Cryphalus*). Syntypes, sex?; Fuchu, Tokyo pref., Honshu, Japan; Murayama Collection in USNM, Washington. Distribution: Asia (Honshu in Japan). Hosts: *Kraunhia floribunda*. References: (ds) Murayama 1954b: 164. (tx) Murayama 1950a: 50, 1954b: 164.
- krivolutskayae* Wood 1992b: 79. Holotype, sex?; Eastern USSR; Institute of Zoology, Academy of Science, Vladivostok, automatic. Distribution: Asia (eastern USSR). Hosts: *Botrocarius controversum*. References: (tx) Krivolutskaya 1968: 56–58; Wood, S. L. 1992b: 79.
- insularum* Krivolutskaya 1968: 56. Holotype, sex?; Eastern USSR; Institute of Zoology, Academy of Science, Vladivostok, preoccupied by Perkins 1900. References: (hb) Krivolutskaya 1973: 138. (ds) Krivolutskaya 1965a: 236, 1973: 138. (tx) Krivolutskaya 1968: 56–58; Wood, S. L. 1992b: 79.
- lamuensis* (Eggers) 1935c: 304 (*Stephanoderes*). Holotype, sex?; Kenya Colony (Lamu); BMNH, London. Distribution: Africa (Kenya). References: (tx) Eggers 1935c: 304; Schedl 1950d: 17, 1961k: 601.
- lefevrei* (Schedl) 1952j: 8 (*Stephanoderes*). Lectotype, sex?; Congo Belge; Kivu, Mulungu; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 138. Distribution: Africa (Ruanda/ Zaire). Hosts: *Ficus capensis*, *Milletia ferruginea*, *Myrica salicifolia*. References: (ds) Schedl 1961k: 602. (tx) Schedl 1952j: 8, 1961k: 602, 1979c: 138.
- leprieuri* (Perris) 1866: 194 (*Dryocoetes*). Holotype, sex?; Algier; MNHN, Paris. Distribution: Africa (Algeria), Asia (Israel/ Syria/ Turkey), Europe (Sardinia). Notes: (1) Eggers 1940b: 62 (to *Hypothenemus*). (3) Although verification is needed, *californicus* may be a synonym (SLW). References: (ds) Gemminger & Harold 1872: 2687; Hagedorn 1910d: 67; Kleine 1913b: 136, 1914a: 16; Peyerimhoff 1935: 195; Reitter 1894a: 75; Schedl 1969g: 290. (tx) Balachowsky 1949a: 205; Eggers 1921: 40, 1940b: 62; Eichhoff 1868d: 419; Ferrari 1867a: 31; Hagedorn 1910a: 96; Perris 1866: 194; Peyerimhoff 1935: 195–196; Reitter 1894a: 75; Schedl 1934f: 1640; Wichmann 1913d: 144. (ms) Eichhoff 1986d: 419.
- albipilis* Reitter 1887b: 195 (*Stephanoderes*). Holotype, sex?; Jerusalem; NHMB, Budapest. Synonymy: Eggers 1940h: 62. References: (ds) Hagedorn 1910d: 40; Hariri 1971: 262; Kleine 1913b: 121; Reitter 1894a: 74. (tx) Eggers 1940h: 62; Hagedorn 1910a: 85; Hopkins 1915b: 15; Reitter 1887b: 195, 1894a: 74, 1913a: 72; Schedl 1934f: 1640; Wichmann 1911c: 210.
- kraussei* Wichmann 1911c: 210. Syntypes, sex?; Sardinein; not located. Synonymy: Eggers 1921: 40. References: (tx) Eggers 1912f: 29, 1921: 40, 1940h: 62; Reitter 1913a: 72; Schedl 1934f: 1640; Wichmann 1911c: 210, 1913: 144.
- liberiensis* (Hopkins) 1915b: 31 (*Stephanoderes*). Holotype, sex? Mount Coffee, Liberia, West Africa; USNM, Washington. Distribution: Africa (Ivory Coast/ Liberia/ Tanzania/ Uganda/ Zaire). Hosts: *Coffea* sp., *Delonix regia*, *Prosopis chilensis*, *Theobroma cacao*. References: (ec) Halperin & Holzschuh 1984: 26. (hb) Halperin & Holzschuh 1984: 26. (ds) Beaver & Loytyniemi 1985a: 80; Halperin & Holzschuh 1984: 26; Schedl 1961k: 602. (tx) Hopkins 1915b: 24, 31; Schedl 1961k: 602; Wood, S. L. 1967b: 78. *theobromae* Eggers 1932c: 32 (*Stephanoderes*). Holotype, sex?; Congostaat (N' Gazi, Aruwimi), und Barumbu; MRCB, Tervuren. Synonymy: Wood 1968b: 78.

References: (**cn**) Ghesquiere 1933a: 25–36, 1933b: 774–786; Magnin 1954: 468. (**hb**) Schedl 1961k: 626. (**ds**) Ghesquiere 1933a: Kleine 1934a: 145; Schedl 1961k: 625, 1962k: 1070, 1965f: 4, 1967e: 212. (**tx**) Eggers 1932c: 32–33; Schedl 1950d: 17, 1961k: 625–626, 1962k: 1070.

lineatus (Eggers) 1927a: 175 (*Stephanoderes*). Holotype ♀; Belg.-Congo: Banana; USNM, Washington.

Distribution: Africa (Tanzania/ Zaire).

References: (**ds**) Schedl 1961k: 507. (**tx**) Anderson, W. H. & Anderson 1971: 18; Eggers 1927a: 175–176; Schedl 1950d: 3, 1961k: 507

longipennis (Eggers) 1935c: 305 (*Stephanoderes*). Holotype, sex?; Congostaat (Nialopu); Schedl Collection in NHMW, Wien.

Distribution: Africa (Angola/ Tanzania/ Zaire).

Hosts: *Hagenia abyssinica*, *Persea indica*.

References: (**ds**) Ferreira 1965: 1115; Mayne & Donis 1962: 312; Schedl 1959p: 17, 1961k: 602, 1967e: 212. (**tx**) Eggers 1935c: 305, 1936c: 36; Schedl 1961k: 602–603, 1979c: 141.

longipilis Schedl 1952a: 451. Lectotype, sex?; Argentina, Buenos Aires, Tigre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 141. Distribution: South America (Argentina).

References: (**hb**) Viana 1964: 121. (**ds**) Viana 1964: 121. (**tx**) Schedl 1952a: 451, 1979c: 141.

macrolobii (Eggers) 1940c: 234 (*Stephanoderes*). Holotype, sex?; Congostaat; Eggers Collection, in NHMW, Wien.

Distribution: Africa (Angola/ Tanzania/ Zaire), Madagascar.

Hosts: *Anacardium occidentale*, *Gilbertiodendron dewevrei*, *Jatropha* sp., *Macrolobium* sp., *Microcos pinnatifida*, *Polyalthia suaveolens*, *Synsepalum subcordatum*.

References: (**cn**) Beccari & Gerini 1968: 129–134. (**hb**) Schedl 1961: 603–604, 1977a: 71. (**ds**) Schedl 1961k: 604, 1977a: 71. (**tx**) Eggers 1940c: 234; Schedl 1950d: 17–18, 1954e: 76, 1957d: 58, 1961k: 604, 1977a: 71, 1979c: 143.

madagascariensis Schedl 1953d: 82. Lectotype ♀; Tananarive, Tsimbazaza; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 144. Distribution: Madagascar.

Notes: (3) The lectotype on which this species is based could be a specimen of *erectus* LeConte or *cryphaloides* Eichhoff.

References: (**tx**) Schedl 1953d: 82, 1961e: 131–132, 1963i: 61–62, 1977b: 40, 56, 1979c: 144.

magnus (Eggers) 1924: 102 (*Stephanoderes*). Holotype, sex?; Malela (Congostaat); MRCB, Tervuren. Figures: Schedl 1961k: 545.

Distribution: Africa (Congo).

References: (**tx**) Eggers 1924: 102, 1927a: 198,

1932c: 33; Schedl 1939g: 170, 1939i: 384, 1940d: 589, 1961k: 545.

major Browne 1970: 555. Holotype ♀; Sarawak: Quop; BMNH, London.

Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).

References: (**tx**) Browne 1970: 555.

malayensis (Schedl) 1977f: 499 (*Lepiceriodes*). Holotype, sex?; Malaysia: Malaya, Selangor; Sungei Buloh, Kuala Lumpur; Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya).

References: (**tx**) Schedl 1950d: 3, 1977f: 499.

mallyi (Hopkins) 1915b: 32 (*Stephanoderes*). Holotype ♀; Capetown, South Africa; USNM, Washington.

Distribution: Africa (Congo/ Mozambique/ South Africa).

References: (**tx**) Hopkins 1915b: 24, 32; Schedl 1961k: 604; Wood, S. L. 1972f: 48.

soussouensis Eggers 1943e: 74 (*Stephanoderes*). Holotype ♀; Zambeze (Environ de Sone, M. Soussou); MNHN, Paris, 2 Eggers cotypes in NHMW, Wien. Synonymy: Wood 1972f: 48.

References: (**ds**) Eggers 1943e: 74; Schedl 1965g: 20, 1982: 278. (**tx**) Schedl 1953d: 68, 1961k: 624, 1965c: 59, 1965g: 20, 1965j: 198, 1979c: 232; Wood, S. L. 1972f: 48.

malus (Schedl) 1957d: 56 (*Stephanoderes*). Holotype, sex?; Cape Province: Trappes Valley; BMNH, London.

Distribution: Africa (South Africa).

Hosts: *Ficus* sp., *Pyrus malus*, *Rhus lancea*.

References: (**cn**) Anonymous 1970c: 13. (**ds**) Anonymous 1970c: 13; Schedl 1961k: 604. (**tx**) Schedl 1957d: 56, 1961k: 604, 1979c: 147.

mangovoror Schedl 1961e: 134. Holotype, sex?; Madagascar, Montagne d'Ambre, Joffreville; IRSM, Madagascar.

Distribution: Madagascar.

Hosts: *Mangifera indica*.

References: (**tx**) Schedl 1961e: 134, 1977b: 56, 1979c: 148.

marshalli (Eggers) 1936c: 36 (*Stephanoderes*). Holotype, sex?; Natal: Estcourt, 4000 feet; BMNH, London.

Distribution: Africa (South Africa/ Zaire).

Hosts: *Azalia bella*, *Scutia myrtina*.

References: (**tx**) Eggers 1936c: 36; Schedl 1961k: 605.

mateui (Schedl) 1965j: 198 (*Stephanoderes*). Holotype, sex?; Sahara mer., Ouedi Koboue, Ennedi; MNHN, Paris.

Distribution: Africa (Chad), Asia (Israel).

Hosts: *Acacia raddiana*.

References: (**ec**) Halperin & Holzschuh 1984: 26. (**hb**) Halperin & Holzschuh 1984: 26. (**ds**)

- Halperin & Holzschuh 1984: 26. **(tx)** Schedl 1965j: 198, 1971d: 433, 1979c: 149.
- melanarius (Schedl)** 1953d: 80 (*Cosmoderes*). Lectotype, sex[?]; Madagascar, Mt. d'Ambre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 151.
Distribution: Madagascar.
Notes: (1) Schedl 1962: 88 (to *Stylo tentus*, = *Hypothenemus*).
References: **(hb)** Schedl 1977a: 38. **(ds)** Schedl 1977a: 38. **(tx)** Schedl 1953d: 80–81, 1962r: 88, 1977a: 38, 1979c: 151.
- melasomus (Lea)** 1910: 140 (*Cryphalus*). Syntypes, sex[?]; N.S. Wales: Clearence River, Wollongong; SAM, Adelaide.
Distribution: Australia (New South Wales/Queensland).
Hosts: *Alphitonia excelsa*, *Casuarina* sp., *Delonix regia*, *Eucalyptus acmenioides*.
References: **(ds)** Brimblecombe 1953: 26; Schedl 1936g: 527, 1962i: 74. **(tx)** Lea 1910: 140; Schedl 1936g: 527, 1938f: 46, 1948g: 25, 1958i: 214, 1959c: 168.
- miles (LeConte)** 1878a: 433 (*Cryphalus*). Syntypes 2 ♀; Tampa, Florida [USA]; USNM, Washington, 1 syntype lost before 1952.
Distribution: North America (Florida, Georgia, E Texas in USA).
References: **(hb)** Chamberlin 1939: 288; Deyrup & Atkinson 1987a: 66. **(ds)** Atkinson et al. 1991: 161; Chamberlin 1939: 288; Deyrup & Atkinson 1987a: 66; Hagedorn 1910d: 44; Henshaw 1882: 269, 1885: 148; Kleine 1913b: 118, 1914b: 383, 1934a: 142; Leng 1920: 339; Schwarz 1878d: 468; Swaine 1909: 92; Wood, S. L. 1982b: 904. **(tx)** Chamberlin 1939: 288; Hagedorn 1910a: 87; Hopkins 1915b: 13; LeConte 1878a: 433, 468; Swaine 1909: 92; Wood, S. L. 1953: 211, 1954a: 979, 1053, 1064, 1982b: 904.
- minor (Eggers)** 1927a: 178 (*Adiaeretus*). Holotype, sex[?]; Ostafrika: Muansa; Methner Collection in MNB, Berlin.
Distribution: Africa (Mozambique/ Tanzania).
References: **(tx)** Eggers 1927a: 178; Schedl 1961k: 508.
- modestus (Murayama)** 1940a: 236 (*Cryphalus*). Syntypes, sex[?]; Seiryu dans Jehol, Manchoukuo, China; Murayama Collection in USNM, Washington.
Distribution: Asia ("Manchoukuo," "Manchuria" in China/Japan/ Korea).
Hosts: *Ulmus pumila*.
References: **(ds)** Murayama 1940a: 232, 236, 1942a: 55, 1953c: 151, 1954b: 164, 1955: 102. **(tx)** Murayama 1940a: 232, 236, 1950a: 51, 1954b: 164, 1955: 102; Nobuchi 1985c: 16; Sokanovskii 1959a: 277.
- morigerus (Schedl)** 1957d: 57 (*Stephanoderes*). Holotype, sex[?]; Congo Belge: Yangambi, Kivu, Chute de la Rutschuru; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Afzelia bella*, *Scutia myrtina*.
References: **(hb)** Schedl 1961k: 605. **(ds)** Schedl 1961k: 605. **(tx)** Schedl 1957d: 57, 1961k: 605, 1979c: 159.
- morio (Eggers)** 1940b: 101 (*Stephanoderes*). Lectotype ♀; Congostaat (Lusambo); USNM, Washington, designated by Anderson & Anderson 1971: 21.
Distribution: Africa (Angola/ Ghana/ Sierra Leone/ South Africa/ Uganda/ Zaire), Madagascar.
Hosts: *Bauhinia tomentosa*, *Cassia parkii*, *Cynometra alexandri*, *Mangifera indica*, *Spondianthus preusii*, *Theobroma cacao*.
References: **(hb)** Pollet 1977; Schedl 1961k: 605. **(ds)** Ferreira 1965: 1115; Mayne & Donis 1962: 312; Pollet 1977; Schedl 1959p: 17, 1961k: 605, 1962h: 58, 1962k: 1070, 1965f: 4, 1977a: 72. **(tx)** Anderson, W. H. & Anderson 1971: 21; Eggers 1940b: 101; Schedl 1950d: 24, 1961k: 605, 1965g: 19, 1977a: 72, 1979c: 159.
- morosus Schedl** 1965c: 57. Holotype, sex[?]; Madagascar, Ambodivoangy, Madagascar-Est, det., Sambava, R.N. XII, Marojejy-Ouest, 1140 m; IRSM, Madagascar.
Distribution: Madagascar.
References: **(tx)** Schedl 1965c: 57, 1977b: 57, 1979c: 160.
- mozambiquensis Eggers** 1943e: 75. Holotype ♀; Mozambique (Chimoio, Vila Pery); MNHN, Paris, 2 Eggers cotypes in NHMW, Wien.
Distribution: Africa (Mozambique/ Sierra Leone/ South Africa).
Hosts: *Bauhinia tomentosa*.
References: **(ds)** Schedl 1961k: 508. **(tx)** Browne 1970: 553; Eggers 1943e: 75; Schedl 1950d: 18, 1953d: 80, 82, 1961k: 508, 1979c: 160.
- mulongensis (Eggers)** 1940c: 235 (*Stephanoderes*). Syntypes ♀; Congostaat, Mulongo (Niunzu); MRCB, Tervuren.
Distribution: Africa (Ghana/ Zaire).
Hosts: *Cassia siamea*.
References: **(cn)** Magnin 1954: 468. **(hb)** Paulian 1951: 27–28. **(ds)** Mayne & Donis 1962: 306; Paulian 1951: 28; Thompson, G. H. 1963: 47. **(tx)** Eggers 1940c: 235; Schedl 1950d: 3, 1951j: 20, 1952j: 2, 1953d: 68, 1954d: 870, 1954e: 49, 1957d: 11, 1961k: 511, 1979c: 160.
- multidentatulus (Schedl)** 1962r: 95 (*Stephanoderes*). Holotype, sex[?]; Uganda: Budongo; BMNH, London, automatic.
Distribution: Africa (Uganda).
Notes: (3) This is a probable synonym of *setosus* Eichhoff.
References: **(tx)** Schedl 1962r: 95.
- multidentatus Schedl** 1959q: 707 (*Stephano-*

deres). Holotype, sex?: Uganda: Budongo; BMNH, London, preoccupied by Hopkins 1915. References: (ds) Ferrer 1942; Schedl 1959q: 705, 707. (tx) Schedl 1959q: 707, 1961k: 608, 1962r: 95, 1979c: 161.

multidentatus (Hopkins) 1915b: 28 (*Stephanoderes*). Holotype ♀; Tampico, Tamaulipas, Mexico; USNM, Washington.

Distribution: North America (Guatemala/Puebla, Tamaulipas in Mexico), South America (Colombia). Hosts: *Coffea* spp., etc.

References: (hb) Wood, S. L. 1982b: 894. (ds) Blackwelder 1947: 778; Browne 1973a: 280; Wood, S. L. 1982b: 894. (tx) Hopkins 1915b: 22, 28; Schedl 1940a: 342, 1961k: 608; Wood, S. L. 1972f: 49, 1982b: 894.

ferrugineus Hopkins 1915b: 29 (*Stephanoderes*). Holotype ♀; Livingston, Guatemala; USNM, Washington, preoccupied by Hopkins 1915. Synonymy: Wood 1972f: 49.

References: (tx) Browne 1963c: 53; Hopkins 1915b: 23, 29; Wood, S. L. 1967b: 78, 1972f: 49.

nitidifrons Hopkins 1915b: 31 (*Stephanoderes*). Holotype ♀; Tampico, Tamaulipas, Mexico; USNM, Washington. Synonymy: Wood 1972f: 49. References: (ds) Blackwelder 1947: 778; Ferrer 1942. (tx) Hopkins 1915b: 24, 31; Schedl 1940a: 342; Wood, S. L. 1972f: 49.

hopkinsi Browne 1963c: 53. Holotype ♀; Livingston, Guatemala; USNM, Washington, automatic. Synonymy: Wood 1972f: 49.

References: (tx) Browne 1963c: 53; Wood, S. L. 1972f: 49.

multipunctatus (Schedl) 1939f: 36 (*Stephanoderes*). Lectotype, sex?: Buitenzorg, Java; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 161.

Distribution: Indonesia (Java), Samoa.

Notes: (3) A possible synonym of *africanus* Hopkins (SLW, and Beaver 1976b).

References: (hb) Kalshoven 1958b: 170. (ds) Beaver 1976b: 536. (tx) Schedl 1939f: 36, 1951k: 135, 1953b: 124, 1979c: 161.

muticus (Schedl) 1961e: 136 (*Stephanoderes*). Holotype, sex?: Madagascar, Ambila, La Reunion; IRSM, Madagascar.

Distribution: Madagascar, Reunion Island.

Hosts: *Ochrocarpus* sp.

References: (ds) Schedl 1969d: 10, 1977a: 72. (tx) Schedl 1961e: 136, 1969d: 10, 1977a: 72, 1979c: 162.

namosianus Browne 1984e: 78. Holotype, sex?: Viti Levu: Namosi Road [Fiji]; BMNH, London.

Distribution: Fiji Islands.

References: (tx) Browne 1984e: 78.

nanellus Wood 1971: 34. Holotype ♀; Turrialba, Cartago Prov., Costa Rica, 800 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Tree twigs.

References: (hb) Wood, S. L. 1982b: 899. (ds) Wood, S. L. 1982b: 899. (tx) Wood, S. L. 1971: 34, 1982b: 899.

natalensis (Schedl) 1941d: 392 (*Archeophalus*). Holotype ♀; Natal; Schedl Collection in NHMW, Wien.

Distribution: Africa (South Africa).

References: (ds) Schedl 1961k: 442–443. (tx) Schedl 1941d: 392, 1957e: 324, 1961k: 443, 1979c: 163.

nigropiceus (Schedl) 1951j: 20 (*Stephanoderes*). Holotype, sex?: Madagascar, Friedrichs; Schedl Collection in NHMW, Wien.

Distribution: Madagascar.

References: (tx) Schedl 1950d: 23, 1951j: 20, 1953d: 68, 1957d: 59, 1977a: 73, 1979c: 168.

novateutonicus (Schedl) 1951m: 105 (*Ptilopodius*). Syntypes, sex?: Brasilien, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien and Plaumann Collection.

Distribution: South America (Brazil).

Notes: (1) Schedl 1979c: 172 (citation of holotype invalid).

References: (tx) de Ruelle 1970: 112, 113; Schedl 1951m: 105, 1979c: 172.

oblongus (Nobuchi) 1981c: 14 (*Macrocryphalus*). Holotype, sex?: Takao, Tokyo; Nobuchi Collection, Ibaraki.

Figures: Nobuchi 1981c: 15.

Distribution: Asia (Japan).

Hosts: *Trachelospermum asiaticum*.

Notes: (1) The Nobuchi photographs of the “male” and “female” types appear to represent females of two different species of *Hypothenemus*. The female almost certainly is *fuscicollis* Eichhoff. The “male” photograph is not clear enough to permit species identification; further study is needed to determine specific synonymy (SLW).

References: (tx) Nobuchi 1981c: 14–16; Wood, S. L. 1992:(in press).

obscurus (Fabricius) 1801: 395 (*Hylesinus*). Lectotype ♀; type labeled as Essequibo [Suriname], published as *Americae meridionalis*; UZMC, Copenhagen, designated by Wood 1972f: 49.

Figures: Pedrosa-Macedo & Schonherr 1985: 48. Distribution: Antilles Islands (Cuba/ Dominican Republic in Hispanola/ Guadeloupe/ Jamaica/ Puerto Rico/ Trinidad/ Virgin Islands), North America (Costa Rica/ “Mexico”/ Panama/ Florida in USA), South America (Brazil/ Colombia/ Suriname/ Venezuela). Intercepted worldwide in Brazil nuts.

Hosts: *Bertholletia excelsa*, *Crotalaria* sp., *Hymenaea courbaril*, *Myristica fragrans*, *Tamarindus indica*, *Theobroma cacao*.

Notes: (3) Eggers 1929e: 50 (*Stephanoderes subopacus*, nomen nudum, synonymy).

References: (cn) Costa Lima 1956; Wood, S. L.

1977a: 71. **(cc)** Beaver 1979b: 298. **(hb)** Baker, W. L. 1972: 254; Beaver 1974a, 1979b: 298; Beaver & Browne 1978: 591; Costa Lima 1956; Kalshoven 1963; Wood, S. L. 1982b: 893. **(ds)** Beaver 1974a; Beaver & Browne 1978: 591; Berti-Filho 1979: 41; Blackwelder 1947; Bright 1972d: 57, 1985c: 175; Costa Lima 1956; Drooz 1985: 368; Kalshoven 1963; Kirk 1969, 1970; Kleine 1913b: 118, 1934a: 145; Leng & Mutchler 1917: 219; LePeller 1968: 113; Pedrosa-Macedo & Schonherr 1985: 48; Roba 1935: 340; Schedl 1960a: 78, 1963c: 157, 1963f: 54, 1966f: 84, 1967d: 2, 1970e: 81, 1973d: 155; Schonherr & Pedrosa-Macedo 1981: 52; Wood, S. L. 1977a: 71, 1982b: 893. **(tx)** Benoit 1985: 136; Bright 1972d: 57, 1985c: 175; Costa Lima 1956; Eggers 1929e: 43; Fabricius 1801: 395; Pedrosa-Macedo & Schonherr 1985: 48; Reitter 1902a: 141; Schedl 1939j: 564, 1940c: 206, 1942c: 178, 1951m: 71–73, 1952k: 159–160, 1963i: 60; Wood, S. L. 1954a: 959, 1041, 1972f: 49, 1977d: 513, 1982b: 893.

asperulus Eichhoff 1872a: 133 (*Stephanoderes*). Lectotype ♀; northern South America; IRSNB, Brussels, designated by Wood 1982b: 893, preoccupied by LeConte 1868. Synonymy: Wood 1977d: 513, 1982b: 893.

References: **(tx)** Eichhoff 1872a: 133; Wood, S. L. 1977: 513, 1982b: 893.

cassiae Eichhoff 1878b: 152 (*Stephanoderes*). Lectotype ♀; northern South America; IRSNB, Brussels, designated by Wood 1982b: 893, automatic. Synonymy: Wood 1977d: 513, 1982b: 893.

References: **(cn)** Mathur & Singh 1960a: 15, 1960b: 24; Mathur, Singh, & Lal 1958: 24, 103. **(hb)** Beaver & Browne 1975: 290. **(ds)** Beaver & Browne 1975: 290; Beeson 1961: 298; Hagedorn 1910d: 41; Kleine 1913b: 121, 1914b: 247, 269, 1934a: 145; Mathur & Singh 1960a: 15, 1960b: 24; Mathur, Singh, & Lal 1958: 24, 103; Peyerimhoff 1935: 193. **(tx)** Eggers 1936d: 626; Eichhoff 1872a: 133, 1878b: 152; Hagedorn 1910a: 85, 1910e; Hopkins 1915b: 24; Peyerimhoff 1935: 193; Sampson 1923a: 270; Schedl 1934f: 1640; Wood, S. L. 1977d: 513, 1982b: 893.

kuennemanni Reitter 1902a: 140. Lectotype ♀; Bremen, Germany [in Brazil nuts]; NHMB, Budapest, designated by Wood 1972f: 49. Synonymy: Wood 1972f: 49.

References: **(cn)** Costa Lima 1956; Souphieff & Scherbinovskaja 1937: 81. **(cc)** Wichmann 1955a: 96. **(hb)** Costa Lima 1956; Lengerken 1939: 64, 1954: 84. **(ds)** Blackwelder 1947: 778; Brakman 1966b: 206; Costa Lima 1956; Everts 1922: 642, 1927; Hagedorn 1910d: 44; Horion 1951; Kleine 1913b: 121; Nunberg 1958a: 481; Reitter 1916: 290; Schilsky 1909: 188; Souphieff & Scherbinovskaja 1937: 81; Straby 1975: 7; Wichmann 1955a: 96. **(tx)**

Costa Lima 1956; Everts 1922: 642; Hagedorn 1910a: 87; Hopkins 1915b: 14; Nunberg 1958a: 481; Reitter 1902a: 140, 1913a: 72, 1916: 290; Schedl 1934f: 1640; Wood, S. L. 1972f: 49.

moschatae Schaufuss 1905: 8 (*Stephanoderes*). Holotype ♀; Guadeloupe; Hamburg Museum, lost. Synonymy: Wood 1972f: 49.

References: **(cn)** Hagedorn 1913a; Souphieff & Scherbinovskaja 1937: 81. **(cc)** Wichmann 1955a: 96. **(hb)** Hagedorn 1913a. **(ds)** Blackwelder 1947: 778; Browne 1970: 540; Hagedorn 1910d: 44, 1913a; Kleine 1913b: 121, 1914b: 379, 1934a: 145; Leng & Mutchler 1917: 219; McFarlane 1961; Souphieff & Scherbinovskaja 1937: 81; Wichmann 1955a: 96. **(tx)** Eggers 1940a; Hagedorn 1910a: 87; Hopkins 1915b: 14; Schaufuss 1905: 8; Schedl 1948f: 261, 1957a: 192; Wood, S. L. 1972f: 49.

rufescens Hopkins 1915b: 29 (*Stephanoderes*). Holotype ♀; Allegheny, Pennsylvania [USA]; USNM, Washington. Synonymy: Wood 1972f: 49.

References: **(hb)** Chamberlin 1939: 309; Wood, S. L. 1953: 153, 1954a: 1036. **(ds)** Blatchley & Leng 1916: 601; Chamberlin 1939: 309; Leng 1920: 340. **(tx)** Blatchley & Leng 1916: 601; Chamberlin 1939: 309; Hopkins 1915b: 23, 29; Wood, S. L. 1953: 153, 1954a: 1019, 1036, 1966b: 29, 1972f: 49.

buscki Hopkins 1915b: 30 (*Stephanoderes*). Holotype ♀; Trinidad, West Indies; USNM, Washington. Synonymy: Wood 1972f: 49.

References: **(ds)** Blackwelder 1947: 777; Leonard 1933: 97–137; Martorell 1945: 468–469; Wolcott 1936: 317, 1948: 380. **(tx)** Hopkins 1915b: 23, 30; Wood, S. L. 1972f: 49.

amazonicus Eggers 1934a: 78 (*Stephanoderes*). Lectotype ♀; Manaos, Brazil; USNM, Washington, designated by Anderson & Anderson 1971: 4. Synonymy: Wood 1972f: 49.

References: **(ds)** Blackwelder 1947: 777; Schedl 1963f: 54. **(tx)** Anderson, W. H. & Anderson 1971: 4; Eggers 1934a: 78; Schedl 1951a: 452; Wood, S. L. 1967b: 78, 1972f: 49, 1979c: 18.

emarginatus Schedl 1942d: 11. Lectotype ♀; Buitenzorg, Java; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 90. Synonymy: Wood 1972f: 50.

References: **(tx)** Schedl 1942d: 11; Wood, S. L. 1966g: 29, 1972f: 50, 1979c: 90.

opacus (Eichhoff) 1872a: 132 (*Stephanoderes*). Lectotype ♀; Nov. Grenada; IRSNB, Brussels, designated by Wood 1982b: 889.

Distribution: North America (Costa Rica/Panama), South America (Brazil/Colombia/Venezuela).

Hosts: *Calliandra confusa*, *Cassia* sp., *Coffea*

- arabica*, *Inga* sp., *Mimosa* sp., *Nectandra* sp., *Ochroma* sp., *Protium* sp., *Tocomita guianensis*.
References: (cn) Costa Lima 1956: Murillo Quinche 1959: 300. (hb) Costa Lima 1956: Murillo Quinche 1959: 300. (ds) Blackwelder 1947: 778; Costa Lima 1936, 1956; Gemminger & Harold 1872: 2684; Hagedorn 1910d: 44; Kleine 1913b: 121, 1914b: 336, 342; LePelley 1968: 113; Wood, S. L. 1982b: 889. (tx) Costa Lima 1956; Eichhoff 1872a: 132–133, 1878b: 151; Hagedorn 1910a: 87; Hopkins 1915b: 24; Wood, S. L. 1982b: 889.
- paradoxus** Schedl 1964j: 45. Holotype, sex?; Congo, Yangambi; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: (tx) Schedl 1964j: 45, 1979c: 184.
- parallelus** (Hopkins) 1915b: 25 (*Stephanoderes*). Holotype ♀; Tampico, Mexico; USNM, Washington. Distribution: Hawaiian Islands, North America (Colima, Tamaulipas in Mexico).
Hosts: "*L. glauca*."
References: (ds) Atkinson & Equihua 1988: 92; Blackwelder 1947: 778; Ferrer 1942; Wood, S. L. 1977a: 71, 1982b: 905. (tx) Hopkins 1915b: 21, 25; Schedl 1940a: 342; Wood, S. L. 1982b: 905.
- parvulus** Browne 1984d: 93. Holotype, sex?; New Guinea: Sawmill L. A.; BMNH, London.
Distribution: New Guinea.
Hosts: *Evodia* sp.
References: (tx) Browne 1984d: 93.
- perappositus** (Schedl) 1934d: 91 (*Stephanoderes*). Lectotype, sex?; Java, Bandjar; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 188.
Distribution: Indonesia (Java).
Hosts: From grass.
References: (hb) Kalshoven 1958b: 170. (tx) Schedl 1934d: 91, 1979c: 188.
- perhispidus** (Eggers) 1927a: 177 (*Stephanoderes*). Holotype, sex?; Belg.-Congo: Sankuru; MRCB, Tervuren.
Distribution: Africa (Angola/ Ghana/ Nigeria/ Zaire/ Zambia).
Hosts: *Balanites wilsoniana*, *Elaeis guineensis*, *Gilbertiodendron dewevrei*, *Pleiocarpa tubicina*, *Polypodium lycopodioides*, *Randia congolana*, *Theobroma cacao*.
References: (bv) Schedl 1960f: 32. (cn) Ghesquiere 1933a: 27–35, 1933b: 776–782; Schmitz & Crisinel 1957: 12. (ec) Schedl 1961k: 608. (hb) Loyttyniemi, Beaver, & Loyttyniemi 1984; Schedl 1961k: 608; Schmitz & Crisinel 1957: 12. (ds) Beaver & Loyttyniemi 1985a: 81; Ferreira 1966: 1115; Ghesquiere 1933a; Kleine 1934a: 145; Lepesme et al. 1948: 643–644; Schedl 1959p: 17, 1960f: 32, 1960f: 32, 1960f: 608, 1964j: 40. (tx) Eggers 1927a: 177; Schedl 1961k: 608.
- perpunctatus** (Eggers) 1940c: 233 (*Stephanoderes*). Holotype, sex?; Congostaat (Rutshuru); Eggers Collection, in NHMW, Wien.
Distribution: Africa (Zaire).
References: (tx) Eggers 1940c: 233; Schedl 1950d: 3, 1961k: 609, 1979c: 190.
- pilosus** Hopkins 1915b: 20. Holotype, sex?; Cayamas, Cuba; USNM, Washington.
Distribution: Antilles Islands (Cuba).
References: (ds) Blackwelder 1947: 777; Bright 1985c: 175; Leng & Mutchler 1917: 219. (tx) Bright 1985c: 175; Hopkins 1915b: 20.
- plumeriae** (Nordlinger) 1856: 74 (*Bostrichus*). Holotype ♀; Venezuela; NHMW, Wien.
Figures: Schedl 1961k: 547.
Distribution: Africa (Liberia/ Zaire), Antilles Islands (Guadeloupe/ San Domingo/Trinidad), North America (Costa Rica/ Guatemala/ Honduras/ Veracruz in Mexico/ Panama), South America (Brazil/ Colombia/ Venezuela).
Hosts: *Acacia* sp., *Canavalia villosa*, *Cayaponia microdonta*, *Coffea* sp., *Daphnopsis seibertii*, *Dioclea megacarpa*, *Harungana madagascariensis*, *Qualea wittrockii*, *Serjania* sp.
Notes: (3) This species is apparently native to western Africa and was introduced into America.
References: (cn) Box 1953a; Costa Lima 1956; De Albuquerque Leao 1941; Green 1912a; Kleine 1932a: 302; Schmitz & Crisinel 1957: 11. (hb) Costa Lima 1928b: 121–122, 1956; Kleine 1932a: 302; Schmitz & Crisinel 1957: 11. (ds) Alvarenga 1962: 24; Blackwelder 1947: 778; Blandford 1904; Costa Lima 1928: 121–122, 1936, 1956; Ferreira 1947; Ferrer 1942; Gemminger & Harold 1872: 2683; Green 1912a: 2–5, 1916: 608–636; Hagedorn 1910d: 45; Kleine 1913b: 121, 1914b: 336, 339, 361, 379, 1932a: 145, 302; Lacordaire 1866: 383; LePelley 1968: 113; Rau 1935: 10–25; Schedl 1960a: 79; Stahel 1925: 1–3. (tx) Blandford 1904; Costa Lima 1945; Eichhoff 1878b: 164; Ferrari 1867a: 17, 1868: 252; Green 1912a; Hagedorn 1910a: 87; Kirsch 1875: 283; Lacordaire 1866: 383; Nordlinger 1856: 74; Schedl 1940a: 342, 1952k: 159–160; Wood, S. L. 1989: 174.
- pallidus** Hopkins 1915b: 18. Holotype ♀; Mt. Coffee, Liberia; USNM, Washington. Synonymy: Wood 1972f: 45.
References: (bv) Schedl 1960f: 29. (ds) Kleine 1914b: 326; Schedl 1960f: 29, 1961k: 509. (tx) Hopkins 1915b: 14, 18; Schedl 1961k: 509; Wood, S. L. 1972f: 45.
- cylindricus** Hopkins 1915b: 25 (*Stephanoderes*). Holotype ♀; Trece Aguas, Alta Verapaz, Guatemala; USNM, Washington. Synonymy: Wood 1989: 174.
References: (bv) Schedl 1960f: 110. (hb) Beaver 1974a; Viana 1964: 121. (ds) Beaver 1974a; Blackwelder 1947: 777; Bright 1985c:

174; Schedl 1960f: 110; Viana 1964: 121; Wood, S. L. 1977a: 71. (**tx**) Bright 1985c: 174; Hopkins 1915b: 21, 25; Schedl 1957d; Wood, S. L. 1972f: 45, 1976a: 348, 1989: 174.

transatlanticus Eggers 1941a: 99 (*Stephanoderes*). Holotype ♀; Trois Rivières, Guadeloupe; MNHN, Paris. Synonymy: Wood 1972f: 45. References: (**tx**) Eggers 1941a: 99; Schedl 1951m: 72, 1979c: 254; Wood, S. L. 1972f: 45. *guadeloupensis* Schedl 1951m: 98. Syntypes ♀; Guadeloupe; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 174.

Notes: (1) Schedl 1979c: 114 (citation of holotype invalid).

References: (**tx**) Schedl 1951m: 98, 1979c: 114; Wood, S. L. 1976a: 348, 1989: 174.

ituriensis Schedl 1957d: 55 (*Stephanoderes*). Holotype, sex?; Congo Belge: Kivu, Beni; MRCB, Tervuren. Synonymy: Wood 1989: 174. References: (**ec**) Schedl 1958d: 190. (**hb**) Schedl 1961k: 599. (**ds**) Schedl 1961k: 599. (**tx**) Schedl 1957d: 55, 1961k: 547, 599, 1965g: 20, 1979c: 128; Wood, S. L. 1989: 174.

praecellens (Schedl) 1972e: 288 (*Stephanoderes*). Holotype, sex?; Ghana, Ashanti Region, Ofinso, 259 m, N 6 54, W 1 39; NHMB, Budapest. Distribution: Africa (Ghana).

References: (**tx**) Schedl 1972e: 288, 1979c: 198.

pubescens Hopkins 1915b: 19. Holotype ♀; Key West, Florida [USA]; USNM, Washington.

Distribution: Antilles Islands (Puerto Rico), Hawaiian Islands, North America (Durango, Yucatan in Mexico/ Florida, Texas in USA), South America (Argentina/ Brazil).

Hosts: *Andropogon* sp., *Cynodon dactylon*, *Paspalum vaginatum*.

Notes: (3) Breeds in fruiting stems of grass.

References: (**cn**) Anonymous 1965e, 1966m, 1966t. (**hb**) Chamberlin 1939: 295; Wood, S. L. 1953: 206, 1954a: 1061, 1982b: 899. (**ds**) Anonymous 1965e, 1966m, 1966t; Blatchley & Leng 1916: 598; Bright 1985c: 175; Chamberlin 1939: 295; Davis 1965: 36; Leng 1920: 340; Thomas, J. B. 1966; Wood, S. L. 1977a: 71, 1982b: 899. (**tx**) Blatchley & Leng 1916: 598; Bright 1985c: 175; Chamberlin 1939: 295; Hopkins 1915b: 14, 19; Wood, S. L. 1953: 206, 1954a: 1053, 1061, 1972f: 50, 1982b: 899.

subelongatus Hopkins 1915b: 19. Holotype ♀; Victoria, Texas [USA]; USNM, Washington. Synonymy: Wood 1972f: 50.

References: (**hb**) Chamberlin 1939: 295. (**ds**) Chamberlin 1939: 295; Leng 1920: 340. (**tx**) Chamberlin 1939: 295; Hopkins 1915b: 14, 19; Schedl 1961k: 475; Wood, S. L. 1954a: 959, 1058, 1972f: 50.

opacifrons Hopkins 1915b: 25 (*Stephanoderes*). Holotype ♀; Aguadilla, Puerto Rico; USNM, Washington. Synonymy: Wood 1972f: 50.

References: (**ds**) Blackwelder 1947; Gowdey 1926: 27; Leng & Mutchler 1917: 219; Walcott 1948: 381. (**tx**) Hopkins 1915b: 21, 25; Wood, S. L. 1972f: 50.

minutissimus Schedl 1952a: 450. Lectotype, sex?; Argentina, Buenos Aires, Pilar, Cordoba, Dep. Punilla; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 174.

References: (**hb**) Viana 1964: 121. (**ds**) Viana 1964: 121. (**tx**) Schedl 1952a: 450, 1958f: 35, 1979c: 156; Wood, S. L. 1989: 174.

pubipennis (Eggers) 1935c: 305 (*Stephanoderes*). Holotype, sex?; Congostaat (Mulongo Niunzu); MRCB, Tervuren.

Distribution: Africa (Congo/ Ghana/ Ivory Coast/ Nigeria/ Zaïre).

Hosts: *Celtis brieji*, *Citrus* sp., *Cola griseiflora*, *Ficus polita*, *Monodora* cf. *myristica*, *Pterocarpus tinctorius*, *Theobroma cacao*, *Trema guineensis*, *Triplochiton scleroxylon*.

References: (**bv**) Schedl 1960f: 33. (**ec**) Cachan 1957: 15; Schedl 1961k: 616–617. (**hb**) Schedl 1961k: 616; Thompson, G. H. 1963: 67. (**ds**) Mayne & Donis 1962: 312; Schedl 1960f: 33, 1961k: 616; Thompson, G. H. 1963: 67. (**tx**) Eggers 1935c: 305, 1936c: 36; Schedl 1950e: 211, 1954d: 871, 1954e: 50, 1961k: 616, 1965g: 20, 1979c: 203.

rotundicollis (Eichhoff) 1878b: 45 (*Stephanoderes*). Syntypes ♀; America septentrionalis [USA?]; Hamburg Museum, lost.

Distribution: Antilles Islands (Puerto Rico/ Virgin Islands), North America (Michoacan, Nayarit, Oaxaca, Tamaulipas in Mexico/ Arkansas, Florida, Georgia, Illinois, Kansas, Maryland, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Tennessee, Texas, Virginia, West Virginia in USA).

Hosts: *Carya alba*, *C. glabra*, *C. ovata*, *Cercis canadensis*, *Fagus grandifolia*, *Mimosa* sp., *Prosopis* sp., *Quercus* sp., *Rhamnus lanceolata*.

References: (**bv**) Roling & Kearby 1975b. (**cn**) Baker, W. L. 1972: 254. (**hb**) Atkinson et al. 1986: 64; Baker, W. L. 1972: 254; Beal & Massey 1945; Blackman 1922b: 91; Blatchley & Leng 1916: 602; Burgos & Saucedo 1983: 103; Chamberlin 1939: 306; Deyrup & Atkinson 1987a: 66; Hagedorn 1910d: 45; Hopkins 1893a: 133; Kleine 1913b: 121, 1934a: 145; Leng 1920: 340; Swaine 1909: 118; Wood, S. L. 1953: 128, 1954a: 1023. (**ds**) Beal & Massey 1945; Blackman 1922b: 91; Blatchley & Leng 1916: 602; Burgos & Saucedo 1983: 103; Chamberlin 1939: 306; Hagedorn 1910d: 45; Hopkins 1893a: 133; Kleine 1913b: 121, 1934a: 145; Leng 1920: 340; Weber, B. C. & McPherson 1991: 54; Wood, S. L. 1982b: 884. (**tx**) Beal & Massey 1945; Blackman 1922b: 91; Blatchley & Leng 1916: 602; Bright 1985c: 175; Chamberlin 1939: 306; Eichhoff 1878a: 385,

- 1878b: 45, 145, 1896: 608; Hagedorn 1910a: 87; Hopkins 1915b: 24; Swaine 1909: 118; Wood, S. L. 1953: 128, 1954a: 960, 1023, 1982b: 884.
sculpturatus Eichhoff 1878b: 45 (*Stephanoderes*).
 Syntypes, sex?; Tennessee [USA]; Hamburg Museum, lost. Synonymy: Eichhoff 1896: 610. References: (**hb**) Chamberlin 1939: 310. (**ds**) Blatchley & Leng 1916: 603; Chamberlin 1939: 310; Hagedorn 1910d: 42; Leng 1920: 340; Swaine 1909: 117. (**tx**) Blatchley & Leng 1916: 603; Chamberlin 1939: 310; Eichhoff 1878a: 385, 1878b: 45, 146, 1896: 608, 610; Hopkins 1915b: 24; Swaine 1909: 117; Wood, S. L. 1954a: 960, 1023.
quercus Hopkins 1915b: 32 (*Stephanoderes*). Holotype ♀; Berkeley, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1024.
 References: (**hb**) Baker, W. L. 1972: 254; Beal & Massey 1945: 112; Blackman 1922b: 91; Chamberlin 1939: 306. (**ds**) Beal & Massey 1942, 1945: 112; Blackman 1922b: 91; Blatchley & Leng 1916: 602; Chamberlin 1939: 306; Drooz 1985: 368; Kleine 1934a: 145; Leng 1920: 340. (**tx**) Beal & Massey 1945: 112; Blackman 1922b: 91; Blatchley & Leng 1916: 602; Chamberlin 1939: 306; Hopkins 1915b: 24, 32; Wood, S. L. 1954a: 960, 1023–1024.
ruficeps Perkins 1900: 181. Holotype ♀; Oahu; Kaala, Waianae range (2000 ft.); BMNH, London, apparently lost.
 Distribution: Hawaiian Islands
 Notes: (3) The type of *ruficeps* is lost, but this species is probably *crudiae* Panzer.
 References: (**ds**) Hagedorn 1910d: 45; Kleine 1913b: 124, 1914b: 302; Swezey 1935: 21, 1941: 118, 1954: 14. (**tx**) Hagedorn 1910a: 87; Hopkins 1915b: 21; Perkins 1900: 181; Schedl 1934g: 177, 179, 1941f: 110, 1951m: 100.
rugifer (Schedl) 1965f: 9 (*Stephanoderes*). Holotype, sex?; Uganda, Walulumbu; BMNH, London.
 Distribution: Africa (Uganda).
 Hosts: *Prosopis chilensis*.
 References: (**tx**) Schedl 1965f: 9, 1977c: 395.
ruginosus Wood 1989: 178. Holotype, ♀; Sudafrika: Potgietersrust, Transvaal; Schedl Collection in NHMW, Wien, automatic.
 Distribution: Africa (South Africa).
 References: (**tx**) Wood, S. L. 1989: 178.
rugifer Schedl 1977c: 395 (*Pachynoderes*). Holotype, ♀; Sudafrika: Potgietersrust, Transvaal; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1965.
 References: (**tx**) Schedl 1977c: 395; Wood, S. L. 1989: 178.
sambesianus Eggers 1943e: 74. Holotype ♀; Zambeze (Nova Choupanga pres Chemba); MNHN, Paris, 2 Eggers cotypes in NHMW, Wien.
 Distribution: Africa (Mozambique).
 References: (**tx**) Eggers 1943e: 74; Schedl 1961k: 523, 1979c: 218.
sapporoensis (Niisima) 1910a: 3 (*Cryptohalus*). Holotype ♀; Sapporo; Nobuchi Collection, Ibaraki.
 Distribution: Asia (Hokkaido, Honshu in Japan).
 Hosts: *Tilia cordata* var. *japonica*.
 References: (**ds**) Kleine 1934a: 144; Murayama 1954b: 199; Nobuchi 1985c: 16. (**tx**) Murayama 1954b: 199; Niisima 1910a: 3; Schedl 1934f: 1640, 1979c: 21.
sassaensis (Eggers) 1924: 102 (*Stephanoderes*). Lectotype, sex?; Congostaat (Region de Sassa); Eggers Collection, in NHMW, Wien.
 Distribution: Africa (Zaire).
 References: (**tx**) Eggers 1924: 102; Schedl 1961k: 619, 1979c: 219.
schedli Browne 1963c: 54. Holotype, sex?; Takao, Formosa, Sauter; Schedl Collection in NHMW, Wien, automatic.
 Distribution: Asia (Taiwan).
 References: (**tx**) Browne 1963c: 54.
pubescens Schedl 1942d: 18 (*Stephanoderes*). Holotype, sex?; Takao, Formosa, Sauter; Schedl Collection in NHMW, Wien, preoccupied by Hopkins 1915.
 References: (**tx**) Browne 1963c: 54; Schedl 1942d: 18, 1979c: 203.
scutiae (Schedl) 1959q: 708 (*Stephanoderes*). Holotype, sex?; Kenya, Mukutano; BMNH, London.
 Distribution: Africa (Kenya).
 Hosts: *Scutia commersonii*.
 Notes: (1) This is probably a *Glostatus* (Schedl's slide mount has the funicle twice broken; only 5 segments show).
 References: (**ds**) Schedl 1959q: 705, 708, 1961k: 619. (**tx**) Schedl 1959q: 708, 1961k: 619, 1979c: 223.
seoulensis Choo & Woo 1989: 58. Holotype ♀; Korea: Cheongyangri, Dongdaemum, Seoul; not given.
 Figures: Choo & Woo 1989: 60.
 Distribution: Asia (Korea).
 References: (**tx**) Choo & Woo 1989: 58.
seriatus (Eichhoff) 1872a: 133 (*Stephanoderes*). Lectotype ♀; New Orleans, Louisiana [USA]; IRSNB, Brussels, designated by Wood 1973c: 177. Figures: Nunberg 1965b: pl. 1.
 Distribution: Africa (Angola/ Congo/ Egypt/ Equatorial Guinea/ Ghana/ Ivory Coast/ Liberia/ Mozambique/ Nigeria/ Ruanda/ Seychelles Islands/ Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaire), Antilles Islands (Barbados/ Cuba/ Haiti in Hispanola/ Puerto Rico/ Virgin Islands), Asia (Sri Lanka/ Turkey), Australia, Fiji Islands, Hawaiian Islands, Indonesia (Java), Madagascar, Micronesia, Niue Island, North America (Costa

Rica/ El Salvador/ Guatemala/ Honduras/ Chiapas, Jalisco, Nayarit, Oaxaca, Puebla, San Luis Potosi, Tamaulipas, Veracruz, Yucatan in Mexico/ Panama/ Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Texas, Virginia, West Virginia in USA), Philippine Islands, South America (Brazil/ Colombia/ Paraguay).

Hosts: *Acia farnesiana*, *Acras sapota*, *Acrocomia sclerocarpa*, *Aleurites fordii*, *Cassia glauca*, *Bauhinia tomentosa*, *Bursera* sp., *Cajanus cajan*, *Calliandra confusa*, *Callicarpa* sp., *Canavalia* sp., *Carya* spp., *Cecropia* sp., *Citrus aurantifolia*, *Coccothrinax alta*, *Coffea bukovensis*, *Cordia* sp., *Dipholis salicifolia*, *Eleagnus pungens*, *Erythrina* sp., *Eugenia buxifolia*, *Ficus* spp., *Galactia spiciformis*, *Guaceia quara*, *Hydracrepans* sp., *Ipomoea cathartica*, *Juglans nigra*, *Liquidambar styraciflua*, *Maclura pomifera*, *Mangifera indica*, *Muonia* sp., *Ochroma* sp., *Ocotea catesbiana*, *Persea americana*, *P. borbonica*, *Philabertella clausa*, *Pinus* spp., *Pithecellobium guadeloupense*, *Pittospermum* sp., *Populus deltoides*, *Prunus persica*, *Quercus* spp., *Rhamnus* sp., *Rhus glabra*, *Saba parviflora*, *Salix* sp., *Serjania* sp., *Sida rhombifolia*, *Tectona grandis*, *Theobroma cacao*, *Thespersia pulpulnea*, *Trachylobium narrucosum*, *Trema floridana*, *Trichilia arborea*, *Wisteria* sp., *Urena* sp., *Yucca* sp.

References: (cn) Caminha Filho 1926: 122–127; Costa Lima 1956; Kleine 1932a: 302; Moreira 1928: 24–25; Stokes 1975a. (ec) Equihua & Atkinson 1986: 632. (hb) Atkinson et al. 1986: 66; Beaver 1987a: 19; Burgos & Saucedo 1983: 105; Chamberlin 1939: 103; Costa Lima 1956; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 632; Fonseca 1937: 366–368; Kleine 1932a: 302; Sequira 1961; Wood, S. L. 1982b: 895. (ds) Atkinson & Equihua 1985c: 357, 1986a: 422, 1988: 92; Atkinson et al. 1986: 66; Azavedo 1925b: 85–86; Beaver 1987a: 19, 1987b: 65; Blatchley & Leng 1916: 600; Bright 1985c: 175; Burgos & Saucedo 1983: 105; Chamberlin 1939: 103; Costa Lima 1925: 147, 1928: 117–122, 1956; Deyrup 1981b: 7; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 632; Estrada & Atkinson 1988: 210; Gemminger & Harold 1872: 2685; Grunwald 1930: 1–58; Hagedorn 1910d: 45; Hambleton 1947; Kleine 1913b: 121, 1914b: 385, 1932a: 145, 302; Leng 1920: 340; Roba 1935: 340; Swaine 1909: 118; Tucker 1952: 347; Wood, S. L. 1977a: 72, 1983: 105. (tx) Blatchley & Leng 1916: 600; Bright 1985c: 175; Chamberlin 1939: 103; Costa Lima 1956; Eggers 1940a; Eichhoff 1872a: 133, 1878b: 158; Fauvel 1884; Hagedorn 1910a: 88; Hopkins 1915b: 22; LeConte 1876: 356; Reitter 1907: 192; Schedl 1940d: 160, 1948d: 35, 1951m: 104, 1952k: 159–160; Sharp 1879: 102; Swaine 1909: 118; Wood, S. L. 1954a: 959, 1041, 1972f: 50, 1973c: 177, 1977d: 513, 1982b: 895.

pulverulentus Eichhoff 1872a: 133 (*Stephanoderes*). Syntypes ♀; Mexico; Hamburg Museum, lost. Synonymy: Wood 1973c: 177. References: (ds) Blackwelder 1947: 778; Blandford 1904; Browne 1974a: 64; Ferrer 1942; Gemminger & Harold 1872: 2684; Hagedorn 1910d: 45; Kleine 1913b: 121, 1914b: 349. (tx) Blandford 1904; Eichhoff 1872a: 133, 1878b: 161; Hagedorn 1910a: 87; Hopkins 1915b: 22; Reitter 1907: 192; Schaufuss 1891: 12; Schedl 1940a: 342; Wood, S. L. 1972f: 50, 1973c: 177.

vulgaris Schaufuss 1897a: 209 (*Stephanoderes*). Syntypes ♀; La Digue, Sechelles Islands; Hamburg Museum, lost. Synonymy: Wood 1972f: 50.

References: (cn) Anonymous 1961m, 1966j, 1966k; Hammad 1961. (hb) Hammad 1961: 150. (ds) Alluaud 1900: 439; Anonymous 1961m, 1966j; Ford 1961: 321; Funasaki 1967: 343; Hagedorn 1910d: 46; Kleine 1913b: 121; Kolbe 1910: 40; Sampson 1914: 384; Schedl 1961k: 629, 1962h: 58, 1962k: 1070, 1969d: 11, 1977a: 78. (tx) Hagedorn 1910a: 88; Hammad 1961: 150; Hammad & El Cherif 1962; Hopkins 1915b: 22; Sampson 1914: 384; Schaufuss 1897a: 209; Schedl 1940d: 586, 1950f: 46, 1951j: 19, 1953d: 68, 1957b: 150, 1961k: 629, 1977a: 78.

aulmanni Hagedorn 1912b: 41 (*Cryphalus*). Syntypes ♀; Daressalam; Hamburg Museum, lost. Synonymy: Wood 1989: 174.

References: (bv) Schedl 1960f: 71. (cn) Ghesquiere 1933a; Hagedorn 1913a; Kleine 1932a: 302; Morstatt 1937: 26; Schmitz & Crisinel 1957: 17. (hb) Hagedorn 1913a; Kleine 1932a: 302; Schedl 1961k: 549, 1977a: 63; Schmitz & Crisinel 1957: 12. (ds) Aulmann & La Baume 1911: 64–65; Beaver & Loytyniemi 1985a: 79; Ghesquiere 1933a; Hagedorn 1913a: 13; Kleine 1913b: 121, 1914b: 322, 1932a: 145, 302; LePelley 1968: 113; Mayne & Donis 1962: 311; Morstatt 1913: 292; Numborg 1952: 19, 1965b: 19; Roba 1935: 338; Schedl 1959a: 484, 1961k: 549, 1965f: 4, 1971d: 432, 1977a: 63; Thompson, G. H. 1963: 66. (tx) Eggers 1922: 173, 1927a: 176, 1936c: 36–37; Hagedorn 1912b: 41–42; Numborg 1952: 19, 1965b: pl. 1; Schedl 1950c: 204, 1952j: 2, 1954e: 49–50, 1959a: 484, 1961k: 549, 1965f: 4, 1977a: 63; Wood, S. L. 1989: 174.

georgiae Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; Georgia [USA]; USNM, Washington. Synonymy: Wood 1972f: 50.

References: (cn) Anonymous 1960t, 1961m, 1966j. (ec) Bushing 1965: 460. (hb) Baker, W. L. 1972: 254; Beal & Massey 1945: 114–115; Chamberlin 1939: 303; Kalshoven 1963; Wood, S. L. 1953: 177, 1954a: 1048. (ds) Anonymous 1960t, 1961m, 1966j; Beal &

- Massey 1945; Blackwelder 1947: 778; Blatchley & Leng 1916: 600; Bright 1972d: 58; Chamberlin 1939: 303; Cooper 1935; Ford 1961: 321; Funasaki 1967: 333; Kalshoven 1963; Kirk 1970; Knull 1934: 212; Leng 1920: 340; Martorell 1945: 469; Wolcott 1936: 317, 1948: 380; Wood, S. L. 1960a: 35. **(tx)** Beal & Massey 1945: 114–115; Blackman 1922b: 95; Blatchley & Leng 1916: 600; Bright 1972d: 58; Chamberlin 1939: 303; Hopkins 1915b: 22, 26; Wood, S. L. 1953: 177, 1954a: 959, 1048, 1960a: 35, 1972f: 50.
- minutus* Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 50. References: **(ds)** Blackwelder 1947: 778; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 22, 26; Wood, S. L. 1972f: 50.
- texasus* Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; Columbus, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Blackman 1922b: 94; Chamberlin 1939: 305. **(ds)** Blackman 1922b: 94; Chamberlin 1939: 305; Kleine 1934a: 145; Leng 1920: 340; Wolcott 1936: 317. **(tx)** Blackman 1922b: 94; Chamberlin 1939: 305; Hopkins 1915b: 22, 26; Wood, S. L. 1954a: 959, 1048.
- ficbrigi* Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; San Bernardino, Paraguay; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(ds)** Blackwelder 1947: 778. **(tx)** Hopkins 1915b: 22, 27; Wood, S. L. 1954a: 1048, 1967b: 78, 1972f: 50.
- floridensis* Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; Haw Creek, Florida [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Chamberlin 1939: 306. **(ds)** Blatchley & Leng 1916: 601; Chamberlin 1939: 306; Leng 1920: 340. **(tx)** Blatchley & Leng 1916: 601; Chamberlin 1939: 306; Hopkins 1915b: 22, 27; Wood, S. L. 1954a: 1048.
- pini* Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; Kanawha Station, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Chamberlin 1939: 305. **(ds)** Blatchley & Leng 1916: 600; Chamberlin 1939: 305; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Blatchley & Leng 1916: 600; Chamberlin 1939: 305; Hopkins 1915b: 22, 27; Wood, S. L. 1954a: 959, 1048.
- salicis* Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; Morgantown, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Beal & Massey 1945: 113; Bright & Stark 1973: 66; Chamberlin 1939: 305. **(ds)** Beal & Massey 1945: 113; Blatchley & Leng 1916: 600; Bright & Stark 1973: 66; Chamberlin 1939: 305; Kleine 1934a: 145; Leng 1920: 340; Blatchley & Leng 1916: 600; Chamberlin 1939: 305; Hopkins 1915b: 22, 27; Wood, S. L. 1954a: 959, 1048.
- tamarindi* Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; Manila, Philippine Islands; USNM, Washington. Wood 1972f: 50. References: **(cn)** Costa Lima 1956. **(hb)** Costa Lima 1956. **(ds)** Costa Lima 1956; Kleine 1934a: 145; Schedl 1966b: 30. **(tx)** Costa Lima 1956; Hopkins 1915b: 22, 27; Nobuchi 1983: 300; Wood, S. L. 1972f: 50.
- ficus* Hopkins 1915b: 28 (*Stephanoderes*). Holotype ♀; Alabama [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Beal & Massey 1945: 110–113; Blackman 1922b: 94; Chamberlin 1939: 308; Janes 1942: 37. **(ds)** Beal & Massey 1945: 110–113; Blackman 1922b: 94; Blatchley & Leng 1916: 602; Chamberlin 1939: 308; Kirk 1969; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Beal & Massey 1945: 110–113; Blackman 1922b: 94; Blatchley & Leng 1916: 601; Chamberlin 1939: 308; Hopkins 1915b: 22, 28; Schedl 1960h: 104; Wood, S. L. 1954a: 959, 1048.
- lucasi* Hopkins 1915b: 28 (*Stephanoderes*). Holotype ♀; southern United States [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Blackman 1922b: 94; Chamberlin 1939: 308. **(ds)** Blackman 1922b: 94; Chamberlin 1939: 308. **(tx)** Blackman 1922b: 94; Chamberlin 1939: 308; Hopkins 1915b: 22, 28; Wood, S. L. 1954a: 959, 1048.
- soltai* Hopkins 1915b: 28 (*Stephanoderes*). Holotype ♀; New Orleans, Louisiana [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Chamberlin 1939: 308. **(ds)** Chamberlin 1939: 308; Leng 1920: 340. **(tx)** Blatchley & leng 1916: 601; Chamberlin 1939: 308; Hopkins 1915b: 22, 28; Wood, S. L. 1954a: 959, 1048.
- virentis* Hopkins 1915b: 28 (*Stephanoderes*). Holotype ♀; Lakeland, Florida [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Chamberlin 1939: 308. **(ds)** Blatchley & Leng 1916: 602; Chamberlin 1939: 308; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Blatchley & Leng 1916: 602; Chamberlin 1939: 308; Hopkins 1915b: 22, 28; Wood, S. L. 1954a: 959, 1048.
- nitidipennis* Hopkins 1915b: 29 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 50. References: **(hb)** Wood, S. L. 1953: 150, 1954a: 1035. **(ds)** Blackwelder 1947: 778;

- Leng & Mutchler 1917: 219. (**tx**) Hopkins 1915b: 23, 29; Wood, S. L. 1953: 150, 1954a: 959, 1018, 1035, 1972f: 50.
- nitidulus* Hopkins 1915b: 29 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1977d: 513. References: (**ds**) Blackwelder 1947: 778. (**tx**) Hopkins 1915b: 23, 29; Wood, S. L. 1954a: 959, 1035, 1977d: 513.
- pecanis* Hopkins 1915b: 29 (*Stephanoderes*). Holotype ♀; Orlando, Florida [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: (**hb**) Beal & Massey 1945: 114; Chamberlin 1939: 308. (**ds**) Beal & Massey 1945: 114; Blatchley & Leng 1916: 601; Chamberlin 1939: 308; Leng 1920: 340. (**tx**) Beal & Massey 1945: 114; Blatchley & Leng 1916: 601; Chamberlin 1939: 308; Hopkins 1915b: 23, 29; Wood, S. L. 1954a: 1048.
- subopacicolis* Hopkins 1915b: 30 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1977d: 513. References: (**ds**) Blackwelder 1947: 778; Leng & Mutchler 1917: 219. (**tx**) Hopkins 1915b: 23, 30; Wood, S. L. 1954a: 959, 1035, 1977d: 513.
- niger* Hopkins 1915b: 31 (*Stephanoderes*). Holotype ♀; Brownsville, Texas [USA]; USNM, Washington. Synonymy: Wood 1972f: 50. References: (**hb**) Chamberlin 1939: 309; Wood, S. L. 1953: 157, 1954a: 1038. (**ds**) Chamberlin 1939: 309; Ferrer 1942; Leng 1920: 340. (**tx**) Chamberlin 1939: 309; Hopkins 1915b: 24, 31; Schedl 1940a: 342; Wood, S. L. 1953: 157, 1954a: 1019, 1038, 1972f: 50.
- tonsus* Eggers 1919: 242. Lectotype ♀; Amani (Ostafrika); USNM, Washington, designated by Anderson & Anderson 1971: 34. Synonymy: Eggers 1922b: 173. References: (**tx**) Anderson, W. H. & Anderson 1971: 34; Eggers 1919: 242, 1922b: 173, 1927a: 176; Schedl 1961k: 549.
- robustus* Blackman 1922b: 88. Syntypes ♀; Newton, Mississippi [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: (**hb**) Chamberlin 1939: 293. (**ds**) Chamberlin 1939: 293; Kleine 1934a: 144; Leng & Mutchler 1927: 52. (**tx**) Blackman 1922b: 88; Chamberlin 1939: 293; Wood, S. L. 1954a: 959, 1048.
- cassavaensis* Schedl 1938d: 453. Lectotype ♀; Uganda, Kampala; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 54. Synonymy: Wood 1989: 175. References: (**ec**) Beaver 1979b: 298. (**hb**) Beaver 1976b: 535, 1979b: 298; Beaver & Browne 1978: 590. (**ds**) Beaver 1976b: 535; Beaver & Browne 1978: 590; Brader 1964: 5; Browne 1980c: 485, 1980d: 493; Ferreira 1965: 1113; Paulian 1951: 31; Schedl 1938d: 453, 1959a: 478, 1959p: 16, 1961k: 470. (**tx**) Schedl 1938d: 453-454, 1941d: 397, 1951j: 21, 1951k: 134, 1953d: 81, 1955b: 284, 1957d: 12, 1959a: 478, 1959p: 16, 1961k: 470, 1977b: 49; Wood, S. L. 1989: 175.
- hawaiiensis* Schedl 1941f: 112 (*Stephanoderes*). Lectotype ♀; Oahu, Honolulu; BPBM, Honolulu?, designated by Schedl 1979c: 116. Synonymy: Wood 1989: 175. References: (**ds**) Swezey 1941: 120. (**tx**) Schedl 1941f: 112, 1979c: 116; Wood, S. L. 1960a: 39, 1961a: 38, 1989: 175.
- striatulus* Schedl 1942d: 12. Lectotype, sex?, Java, Buitenzorg, Nr. 388 Kalshoven, Walikoekoen; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 237. Synonymy: Wood 1989: 175. References: (**ds**) Blackwelder 1947: 778; Browne 1961c: 79. (**tx**) Schedl 1942d: 12, 1951k: 134, 1953c: 288, 1955b: 284, 1957d: 12, 1959a: 478, 1979c: 237; Wood, S. L. 1989: 175.
- darwinensis* Schedl 1942c: 178 (*Stephanoderes*). Lectotype, sex?, Australia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 75. Synonymy: Wood 1972f: 50. References: (**ds**) Brimblecombe 1953: 25; Schedl 1959d: 67. (**tx**) Schedl 1942c: 178, 1948g: 25, 1950f: 37, 1959d: 67, 1979c: 75; Wood, S. L. 1972f: 50.
- marovoayi* Schedl 1953d: 81. Lectotype, sex?, Madagascar, plaine de Marovoay, Madagascar, plantation du Sambirano; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 149. Synonymy: Wood 1989: 175. References: (**tx**) Schedl 1953d: 81, 1977b: 56, 1979c: 149; Wood, S. L. 1989: 175.
- andersoni* Wood 1954a: 1045 (*Stephanoderes*). Holotype ♀; Coconut Grove, Florida [USA]; USNM, Washington. Synonymy: Wood 1972f: 50. References: (**hb**) Wood, S. L. 1953: 171, 1954a: 1045. (**tx**) Wood, S. L. 1953: 171, 1954a: 1045, 1972f: 50.
- liquidambarae* Wood 1954a: 1046 (*Stephanoderes*). Holotype ♀; Jacksonboro, South Carolina [USA]; SMUK, Lawrence. Synonymy: Wood 1972f: 51. References: (**hb**) Wood, S. L. 1953: 174, 1954a: 1046. (**tx**) Wood, S. L. 1953: 174, 1954a: 1046, 1972f: 50.
- asperatus* Schedl 1967e: 226 (*Stephanoderes*). Holotype ♀; Kindamba, Meya, Bangou forest, Sibiti, IRHO rain forest; NHMB, Budapest. Synonymy: Wood 1989: 175. References: (**tx**) Schedl 1967e: 226, 1979c: 28; Wood, S. L. 1989: 175.
- setosus* (Eichhoff) 1868e: 391 (*Hypoborus*). Syntypes ♀; Guadeloupe; Hamburg Museum, lost except for 1 in USNM, Washington. Distribution: Africa (Cameroon/ Ivory Coast/

Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaire), Antilles Islands (Cuba/ Guadeloupe/ Haiti in Hispanola/ Jamaica/ Puerto Rico), Asia (Taiwan), Madagascar, North America (Costa Rica/ Honduras/ Chiapas in Mexico/ Panama/ Florida in USA), South America (Brazil/ Colombia/ Venezuela).

Hosts: *Acacia pennatula*, *Bauhinia variegata*, *Cecropia* sp., *Mangifera indica*, *Thecobroma cacao*.

References: (**cn**) Aulmann 1912: 54; Aulmann & La Baume 1911: 6, 67; Corporaal 1921: 5; Ghesquiere 1933a: 31, 1933b: 782. (**ec**) Wichmann 1955a: 98. (**hb**) Beaver & Browne 1975: 291, 1978: 591; Eichhoff 1881a: 46, 191; Kalshoven 1963; Wachtl 1876a: 458; Wood, S. L. 1982b: 909. (**ds**) Atkinson & Equihua 1988: 92; Beaver 1990a: 280; Beaver & Browne 1975: 291, 1978: 591; Beeson 1941: 389; Blackwelder 1947: 779; Brader 1964: 5; Bright 1972d: 55, 1985c: 175; Browne 1981b: 600; Estrada & Atkinson 1988: 210; Fleutiaux & Salle 1890: 457; Gemminger & Harold 1872: 2684, 2686; Hagedorn 1910d: 45; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Horion 1951; Kalshoven 1958: 169–170, 1963: 233; Kleine 1913b: 121; Kraatz 1869: 59; Leng & Mutchler 1917: 219; Lepesme 1947: 645; Nobuchi 1967: 13, 24; Pittioni 1943: 176; Reitter 1894a: 73, 1916: 290; Schedl 1966b: 29, 1977a: 73; Schilsky 1909: 188; Seidlitz 1872: 394, 1891a: 563, 1891b: 608; Stein 1868: 114; Wachtl 1876a: 458; Wichmann 1954: 514, 1955a: 98; Wood, S. L. 1977a: 72, 1982b: 909. (**tx**) Bright 1972d: 55, 1985c: 175; Chamberlin 1939: 303; Eggers 1922b: 174, 1923a: 130, 1924: 102, 1927a: 198, 1936d: 626, 1940a, 1941a: 108; Eichhoff 1868d: 419, 1868e: 391, 1872a: 133, 1877a: 117, 1878b: 149–150, 1881a: 46, 191, 1883a: 110, 134; Ferrari 1867a: 81, 1867b: 81, 114; Hagedorn 1910a: 88, 1910e: 2; Hopkins 1915b: 23; Lindemann 1877a: 168; Nobuchi 1983: 300; Reitter 1894a: 73, 1913a: 71, 1916: 290; Schaufuss 1905: 8; Schedl 1934f: 1640, 1936j: 1, 1939e: 328, 1939f: 35, 1942a: 197, 1942d: 3, 1948c: 664, 1950d: 17, 1951m: 102, 1952c: 62, 1954a: 139, 1954d: 871, 1958k: 143, 1959a: 485, 1962h: 58, 1962p: 204, 1967b: 29, 1971a: 274, 280, 1971c: 363, 1971f: 148, 1977a: 73; Seidlitz 1872: 394, 1891a: 563, 1891b: 608; Wood, S. L. 1954a: 1029, 1957c: 402–403, 1962: 79, 1967b: 79, 1972f: 51, 1975b: 393, 1982b: 909. (**ms**) Eichhoff 1868d: 419.

obscurus Eichhoff 1872a: 133 (*Stephanoderes*).

Holotype ♀; Antilles; IRSNB, Brussels, preoccupied by Fabricius 1801. Synonymy: Wood 1975b: 393.

References: (**ds**) Gemminger & Harold 1872: 2684; Hagedorn 1910d: 133. (**tx**) Eichhoff 1872a: 133, 1878b: 155; Ferrari 1867a: 17; Wood, S. L. 1975b: 393.

depressus Eichhoff 1878b: 155 (*Stephanoderes*).

Holotype ♀; Antilles; IRSNB, Brussels, automatic. Synonymy: Wood 1975b: 393.

References: (**ds**) Blackwelder 1947: 777; Bright 1985c: 174; Hagedorn 1910d: 41, 47; Kleine 1913b: 121; Leng & Mutchler 1917: 219. (**tx**) Bright 1985c: 174; Eggers 1929e; Eichhoff 1878b: 155; Hagedorn 1910a: 86; Hopkins 1915b: 21; Wood, S. L. 1975b: 393.

congonus Hagedorn 1912a: 337 (*Stephanoderes*).

Lectotype ♀; Eala, Congo; MRCB, Tervuren, designated by Wood 1975b: 393. Synonymy: Wood 1975b: 393.

References: (**bv**) Schedl 1960f: 11. (**cn**) Aulmann 1912: 54–55; Ghesquiere 1933a: 34–36, 1933b: 782–785; Kleine 1932a: 302; Mayne 1915: 577–596; Mayne & Donis 1951: 333. (**ec**) Mayne & Donis 1951: 333. (**hb**) Kleine 1932a: 302; Schedl 1961k: 560. (**ds**) Aulmann 1913: 1–126; Gardner 1933a, 1957a: 32; Green 1916: 608–636; Kleine 1913b: 121, 1914b: 314, 1932a: 145, 302, 1934: 145; Schedl 1960f: 11, 1961k: 560. (**tx**) Eggers 1922b: 174, 1924: 103, 1927a: 197; Hagedorn 1912a: 337, 1913b: 18; Nunberg 1960: 291; Schedl 1950d: 17, 1961k: 560, 1965g: 19; Wood, S. L. 1967b: 78, 1975b: 393.

simoni (Reitter) 1887b: 194 (*Stephanoderes*). Holotype, sex?; Syrien: Haifa; NHMB, Budapest.

Distribution: Asia (Israel/ Syria).

References: (**ds**) Hagedorn 1910d: 45; Hariri 1971: 262; Kleine 1913b: 124; Reitter 1894a: 74; Schedl 1969g: 290. (**tx**) Hagedorn 1910a: 88; Hopkins 1915b: 15; Reitter 1887b: 194, 1894a: 74, 1913a: 73; Schedl 1934f: 1640.

sobrinus (Schedl) 1965c: 58 (*Stephanoderes*). Holotype, sex?; Madagascar, Montange d'Ambre; Schedl Collection in NHMW, Wien.

Distribution: Madagascar.

References: (**tx**) Schedl 1965c: 58, 1977a: 76, 1979c: 231.

socialis (Schedl) 1957d: 57 (*Stephanoderes*). Holotype, sex?; Congo Belge: Yangambi, Kibalituri, Kilometre 518, Ouest d'Irumu; MRCB, Tervuren. Distribution: Africa (Angola/ Congo/ Ghana/ Zaire).

Hosts: *Anthonotha macrocarpa*, *Balanites wilsoniana*, *Cola griseiflora*, *Dialium corbisieri*, *Duboscia viridiflora*, *Gilbertiodendron devivreii*, *Polyalthia suaeae*, *Trema guineense*.

References: (**bv**) Schedl 1960f: 33. (**ec**) Schedl 1961k: 620. (**hb**) Browne 1963a: 234; Schedl 1961k: 620. (**ds**) Browne 1963a: 234; Ferreira 1965: 1115; Schedl 1959p: 17, 1960f: 33, 1961k: 620, 1962h: 58, 1962k: 1070, 1964j: 41. (**tx**) Schedl 1957d: 57, 1959p: 17, 1961k: 620, 1962k: 1070, 1965g: 20.

solitarius (Schedl) 1950d: 24 (*Stephanoderes*). Holotype, sex?; D.O. Africa, Uganda; Schedl Collection in NHMW, Wien.

Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Nigeria/ South Africa/ Uganda/ Zaire).

Hosts: *Albizia gummifera*, *Bambus* sp., *Coffea* sp., *Pancovia harmsiana*, *Pterocarpus tinctorius*, *Synsepalum subcordatum*, *Theobroma cacao*.

References: (cn) Gregory 1954; Magnin 1954: 468; Schmitz & Crisinel 1957: 12. (hb) Pollet 1977; Schedl 1961k: 622; Schmitz & Crisinel 1957: 12. (ds) Mayne & Donis 1962: 313; Pollet 1977; Schedl 1961k: 622, 1964e: 68, 1965f: 618. (tx) Schedl 1950d: 24, 1954d: 571, 1961k: 622–623, 1965g: 20, 1979c: 232.

solocis Wood 1974a: 21. Holotype ♀; 3 km W Armeria, Colima, Mexico; Wood Collection.

Distribution: North America (Colima, Nayarit, Sinaloa in Mexico).

Hosts: *Inga* sp., *Phoradendron* sp., *Serjania* sp. References: (ec) Equihua & Atkinson 1986: 632. (hb) Baker, W. L. 1972: 254; Equihua & Atkinson 1986: 632. (ds) Equihua & Atkinson 1986: 632; Wood, S. L. 1982b: 891. (tx) Wood, S. L. 1974a: 21, 1982b: 891.

sparsedentatus (Schedl) 1942c: 178 (*Stephanoderes*). Holotype, sex?; Witu, Tanagebiet, Denhardt; Schedl Collection in NHMW, Wien. Distribution: Australia.

References: (tx) Schedl 1942c: 178, 1979c: 232.

sparsus Hopkins 1915b: 20. Holotype ♀; Columbus, Texas [USA]; USNM, Washington. Distribution: North America (Tamaulipas in Mexico/ S Texas in USA).

Hosts: *Celtis pallida*, *Condalia* sp., *Rhamnus* sp. References: (hb) Blackman 1922b: 87–88; Chamberlin 1939: 292; Wood, S. L. 1953: 159, 1954a: 1040, 1982b: 896. (ds) Blackman 1922b: 87–88; Chamberlin 1939: 292; Kleine 1934a: 144; Leng 1920: 340; Wood, S. L. 1982b: 896. (tx) Blackman 1922b: 87–88; Chamberlin 1939: 292; Hopkins 1915b: 14, 20; Wood, S. L. 1953: 159, 1954a: 959, 1040, 1982b: 896.

similis Hopkins 1915b: 20. Holotype ♀; Victoria, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1040.

References: (hb) Chamberlin 1939: 295. (ds) Chamberlin 1939: 295; Leng 1920: 340. (tx) Anderson, W. H. & Anderson 1971: 30; Chamberlin 1939: 295; Hopkins 1915b: 14, 20; Wood, S. L. 1954a: 959, 1040.

tridentatus Hopkins 1915b: 31 (*Stephanoderes*). Holotype ♀; San Diego, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1040.

References: (hb) Chamberlin 1939: 309. (ds) Chamberlin 1939: 309; Leng 1920: 340. (tx) Chamberlin 1939: 309; Hopkins 1915b: 24, 31; Wood, S. L. 1954a: 1040.

spinicollis (Schedl) 1965c: 59 (*Stephanoderes*). Holotype, sex?; Madagascar, Umgebung Fort Dauphin; Schedl Collection in NHMW, Wien. Distribution: Madagascar.

References: (tx) Schedl 1965c: 59, 1977a: 76, 1979c: 234.

spinus (Schedl) 1979g: 98 (*Lepiceroides*). Holotype, sex?; Papua, Bulolo, Morobe District, Upper Manki L. A.; Schedl Collection in NHMW, Wien preoccupied by Hagedorn 1909.

Distribution: New Guinea.

Notes: (1) Technically, this is a junior homonym, but the probability that it will become a junior synonym is so high that a replacement name was not considered to be in the best interests of nomenclature.

References: (tx) Schedl 1979g: 98, 1961k: 635; Wood, S. L. 1984b: 226.

squamosus (Hopkins) 1915b: 26 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Distribution: Antilles Islands (Cuba), North America (Colima, Tamaulipas, Veracruz in Mexico/ S Florida, Texas in USA).

Hosts: *Ardisia paniculata*, *Dipholis salicifolia*, *Galactia spiciformis*, *Ichthyomethia communis*, *Lysiloma bahamensis*, *Parthenocissus quinquefolia*, *Phoradendron* sp., *Pithecellobium unguis-cati*, *Serjania* sp., *Torruba longifolia*, *Vismia* sp.

References: (ec) Equihua & Atkinson 1986: 633. (hb) Equihua & Atkinson 1986: 633; Wood, S. L. 1954a: 1038. (ds) Atkinson & Equihua 1985c: 357; Atkinson et al. 1991: 161; Blackwelder 1947: 778; Equihua & Atkinson 1986: 633; Estrada & Atkinson 1988: 211; Wood, S. L. 1982b: 890. (tx) Hopkins 1915b: 21, 26; Wood, S. L. 1954a: 1019, 1037–1038, 1982b: 890.

stigmatosus (Schedl) 1951m: 101 (*Stephanoderes*). Holotype, sex?; Argentinien; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

References: (tx) Schedl 1951h: 284, 1951m: 101, 1979c: 237.

garciae Schedl 1958f: 42 (*Stephanoderes*). Holotype, sex?; Argentinien: Buenos Aires, Isla Martin Garcia; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 175.

References: (tx) Schedl 1958f: 42, 1979c: 102; Wood, S. L. 1989: 175.

styrax (Schedl) 1942a: 177 (*Stephanoderes*). Lectotype, sex?; Malaya, Selangor, Kepong; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 239.

Distribution: Asia (Malaya).

Hosts: *Styrax benzoin*.

References: (ds) Browne 1961c: 73. (tx) Schedl 1942a: 177, 1979c: 239.

subacuminatus (Schedl) 1942a: 177 (*Stephanoderes*). Lectotype, sex?; Malaya, Pk; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 239.

Distribution: Asia (Malaya).

References: (ds) Browne 1961c: 73, 1980d: 492. (tx) Schedl 1942a: 177, 1979c: 239.

suspectus Wood 1974a: 22. Holotype ♀; Pandora, Limon, Costa Rica; Wood Collection.

Distribution: North America (Costa Rica/ Nayarit in Mexico/ Panama), South America (Venezuela).

Hosts: *Albizia caribaea*, *Cecropia* sp., *Inga* sp., *Theobroma cacao*.

References: (ds) Wood, S. L. 1982b: 906. (tx) Wood, S. L. 1974a: 22, 1982b: 906.

taihokuensis (Schedl) 1952c: 63 (*Stephanoderes*). Holotype, sex?; Formosa, Taihoku; Schedl Collection in NHMW, Wien.

Figures: Nobuchi 1967: pl. 1.

Distribution: Asia (Taiwan).

References: (ds) Nobuchi 1967: 24. (tx) Nobuchi 1967: 24, pl. 1; Schedl 1952c: 63, 1979c: 249.

teretis Wood 1971: 35. Holotype ♀; Finca La Lola, Limon, Costa Rica; Wood Collection.

Distribution: North America (Costa Rica), South America (Venezuela).

Hosts: *Canavalia villosa*, *Cecropia* sp., *Inga* sp., *Serjania* sp., *Sterculia pruriens*, *Theobroma cacao*.

References: (hb) Wood, S. L. 1982b: 904. (ds) Wood, S. L. 1982b: 904. (tx) Wood, S. L. 1971: 35–36, 1982b: 904.

teteforti (Menier) 1971: 141 (*Stephanoderes*). Holotype ♂; Madagascar Sud, 25 km a l'Est de Tulear, sur la route de Tamanarive; MNHN, Paris.

Distribution: Madagascar.

Hosts: *Euphorbia oncoclada*.

References: (tx) Menier 1971: 141; Schedl 1977a: 77.

tredli (Reitter) 1908a: 55 (*Cryphalus*). Holotype, sex?; Agypten; Cairo; NHMB, Budapest.

Distribution: Africa (Egypt).

References: (ds) Kleine 1914a: 15. (tx) Eggers 1940h: 62; Reitter 1908a: 55–56, 1913a: 67; Schedl 1934f: 1639.

trinitatis (Hopkins) 1915b: 28 (*Stephanoderes*). Holotype ♀; Montserrat, Trinidad; USNM, Washington.

Distribution: Antilles Islands (Puerto Rico/ Trinidad).

Hosts: *Guarea trichilionides*.

References: (ds) Blackwelder 1947: 778; Bright 1985c: 175; Martorell 1945: 469; Wolcott 1948: 381. (tx) Bright 1985c: 175; Hopkins 1915b: 22, 28.

tristis (Eichhoff) 1875: 200 (*Stephanoderes*). Holotype, sex?; Japan; IRSNB, Brussels.

Distribution: Asia (Japan).

References: (ds) Blandford 1894c; Hagedorn 1919d: 46; Kleine 1913b: 121, 1914b: 257; Murayama 1954b: 199; Nobuchi 1985c: 16. (tx) Blandford 1894d; Eichhoff 1875: 200, 1877a: 117, 1878b: 150; Hagedorn 1910a: 88; Hopkins 1915b: 24; Murayama 1934c: 298, 1954b: 199; Schedl 1934f: 1640, 1958k: 143.

apatoides Eichhoff 1875: 201 (*Dryocoetes*). Holotype, sex?; Japan; IRSNB, Brussels. Synonymy: Schedl 1958k: 143.

References: (tx) Eichhoff 1875: 201; Schedl 1958k: 143.

trivialis Wood 1974a: 20. Holotype ♀; Santa Ana, San Jose, Costa Rica; Wood Collection.

Distribution: North America (Costa Rica/ Veracruz in Mexico/ Panama), South America (Colombia/ Venezuela).

Hosts: *Cuparia guatemalensis*, *Ficus* sp., *Ochroma* sp., *Serjania* sp., *Vismia guianensis*.

References: (ds) Wood, S. L. 1982b: 887. (tx) Wood, S. L. 1974a: 20, 1982b: 887.

tuberosus (Schedl) 1942d: 19 (*Stephanoderes*). Lectotype, sex?; Java, Buitenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 258.

Distribution: Indonesia (Java).

References: (tx) Schedl 1942d: 19, 1979c: 258.

tungamucansolus (Schedl) 1939i: 385 (*Stephanoderes*). Lectotype, sex?; Ukerewe, Tanganyika; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 258.

Distribution: Africa (Tanzania/ Zambia).

Hosts: *Bridelia sclereneuroides*.

References: (ds) Beaver & Loytyniemi 1989; Schedl 1961k: 626. (tx) Beaver & Loytyniemi 1989; Schedl 1939g: 170, 1939i: 385–386, 1957d: 56, 1961k: 626, 1979c: 258.

vesculus Wood 1974a: 21. Holotype ♀; Ocosingo Valley, Chiapas, Mexico; Wood Collection.

Distribution: North America (Chiapas in Mexico).

References: (ds) Wood, S. L. 1982b: 898. (tx) Wood, S. L. 1974a: 21, 1982b: 898.

vitis Browne 1970: 554. Holotype ♀; South Africa: Transvaal; BMNH, London.

Distribution: Africa (South Africa).

Hosts: *Vitis* sp.

References: (tx) Browne 1970: 554, 556; Schedl 1972q: 256.

winkleri (Reitter) 1907: 192 (*Stephanoderes*). Holotype ♀; Kamerun; NHMB, Budapest.

Figures: Nunberg 1965a: 35, 1965b: pl. 2.

Distribution: Africa (Cameroon).

References: (ds) Hagedorn 1910d: 46; Kleine 1913b: 121, 1914b: 310, 1934a: 145; Nunberg 1952: 20, 1965b: 20. (tx) Hagedorn 1910a: 88; Hopkins 1915b: 24; Nunberg 1952: 20, 1965a: 35, 1965b: 26, pl. 2; Reitter 1907: 192; Schedl 1959q: 708, 1965e: 367.

xanthophloeae (Schedl) 1957d: 58 (*Stephanoderes*). Holotype, sex?; Kenya: Nairobi, Rift Valley; Schedl Collection in NHMW, Wien.

Distribution: Africa (Kenya).

Hosts: *Acacia xanthophloeae*.

References: (ec) Schedl 1961k: 630. (hb) Schedl 1961k: 630. (ds) Schedl 1961k: 630. (tx) Schedl 1957d: 58, 1961k: 630, 1979c: 270.

Genus *Trischidias* Hopkins

TRISCHIDIAS HOPKINS 1915b: 7, 12. Type-species:

Trischidias georgiae Hopkins, original designation.

Keys: Wood 1954a: 1067, 1982b: 872.

References: **(hb)** Wood, S. L. 1986a: 91. **(ds)** Wood, S. L. 1986a: 91. **(tx)** Arnett 1960: 1043, 1968: 1043; Hopkins 1915b: 7, 12; Nunberg 1956: 141; Wood, S. L. 1954a: 962, 981, 1067, 1982b: 872, 1986a: 92.

atoma (Hopkins) 1915b: 15 (*Hypothenemus*). Holotype ♀; Morgantown, West Virginia [USA]; USNM, Washington.

Distribution: North America (District of Columbia, Florida, Georgia, Kansas, Louisiana, Maryland, Mississippi, New Jersey, North Carolina, South Carolina, Texas, Tennessee, Virginia, West Virginia in USA), South America (Brazil).

Hosts: *Acer rubrum*, *Asimina trilobata*, *Carya* spp., *Castanea dentata*, *Liriodendron tulipifera*, *Pinus* sp., *Quercus marylandica*, *Rhizophora mangle*, *Rhus toxicodendron*, *Robinia pseudacacia*, *Salix nigra*, *Ulmus rubra*.

References: **(hb)** Beal & Massey 1945: 118; Chamberlin 1939: 293; Deyrup & Atkinson 1987a: 66; Wood, S. L. 1953: 219, 1954a: 1068, 1982b: 872. **(ds)** Beal & Massey 1945: 118; Blatchley & Leng 1916: 596; Chamberlin 1939: 293; Deyrup 1981b: 7; Deyrup & Atkinson 1987a: 66; Kleine 1934a: 143; Leng 1920: 339; Smith, J. B. 1910: 401; Wood, S. L. 1982b: 872. **(tx)** Beal & Massey 1945: 118; Blatchley & Leng 1916: 596; Chamberlin 1939: 293; Hopkins 1915b: 15; Schedl 1962r: 89; Wood, S. L. 1953: 219, 1954a: 960, 976, 1068, 1982b: 872–873.

impressifrons Hopkins 1915b: 15 (*Hypothenemus*). Holotype ♀; Morgantown, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1068.

References: **(hb)** Chamberlin 1939: 293. **(ds)** Chamberlin 1939: 293; Kleine 1934a: 143; Leng 1920: 339. **(tx)** Chamberlin 1939: 293; Hopkins 1915b: 15; Wood, S. L. 1954a: 979, 1068.

marylandicae Hopkins 1915b: 15 (*Hypothenemus*). Holotype ♀; Pregnall, South Carolina [USA]; USNM, Washington. Synonymy: Wood 1954a: 960.

References: **(hb)** Blackman 1922b: 83; Chamberlin 1939: 290. **(ds)** Blackman 1922b: 83; Blatchley & Leng 1916: 596; Chamberlin 1939: 290; Kirk 1969; Kleine 1934a: 143; Leng 1920: 339. **(tx)** Blackman 1922b: 83; Blatchley & Leng 1916: 596; Chamberlin 1939: 290; Hopkins 1915b: 15; Schedl 1962r: 89; Wood, S. L. 1954a: 960, 1068.

robiniae Hopkins 1915b: 15 (*Hypothenemus*). Holotype ♀; Chevy Chase, Maryland [USA]; USNM, Washington. Synonymy: Wood 1954a: 1068.

References: **(hb)** Beal & Massey 1945: 118;

Chamberlin 1939: 293. **(ds)** Beal & Massey 1945: 118; Blatchley & Leng 1916: 597; Chamberlin 1939: 293; Kleine 1934a: 144; Leng 1920: 339. **(tx)** Beal & Massey 1945: 118; Blatchley & Leng 1916: 597; Chamberlin 1939: 293; Hopkins 1915b: 15; Schedl 1962r: 89; Wood, S. L. 1954a: 960, 1068.

toxicodendri Hopkins 1915b: 15 (*Hypothenemus*). Holotype ♀; Morgantown, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1068.

References: **(hb)** Blackman 1922b: 83; Chamberlin 1939: 290. **(ds)** Blackman 1922b: 83; Blatchley & Leng 1916: 597; Chamberlin 1939: 290; Kleine 1934a: 144; Leng & Mutchler 1920: 339. **(tx)** Blackman 1922b: 83; Blatchley & Leng 1916: 597; Chamberlin 1939: 290; Hopkins 1915b: 15; Schedl 1962r: 89–90; Wood, S. L. 1954a: 960, 1068.

exigua Wood 1986c: 273. Holotype ♀; Campo Experimental, INIF, Escarcega, Campeche, Mexico; Wood Collection.

Distribution: North America (Campeche in Mexico/S Florida in USA).

Hosts: *Belotia campbelli*.

References: **(hb)** Deyrup 1987; Deyrup & Atkinson 1987a: 66. **(ds)** Deyrup 1987; Deyrup & Atkinson 1987a: 66; Estrada & Atkinson 1988: 211. **(tx)** Wood, S. L. 1986c: 273.

georgiae Hopkins 1915b: 12. Holotype ♀; Brunswick, Georgia [USA]; USNM, Washington.

Distribution: North America (Georgia).

References: **(hb)** Chamberlin 1939: 287; Wood, S. L. 1954a: 1070. **(ds)** Blatchley & Leng 1916: 594; Chamberlin 1939: 287; Leng 1920: 339; Wood, S. L. 1982b: 974. **(tx)** Blatchley & Leng 1916: 594; Chamberlin 1939: 287; Hopkins 1915b: 12; Wood, S. L. 1954a: 979, 1068, 1070, 1982b: 874.

minutissima Wood 1954a: 1069. Holotype ♀; Sugar Loaf Key, Florida [USA]; SMUK, Lawrence.

Distribution: North America (S Florida in USA).

Hosts: *Rhizophora mangle* roots.

References: **(hb)** Wood, S. L. 1954a: 1069, 1982b: 874. **(ds)** Wood, S. L. 1982b: 874. **(tx)** Schedl 1962r: 89; Wood, S. L. 1954a: 1068–1069, 1982b: 874.

nigrina (Schedl) 1967d: 7 (*Ernoporus*). Holotype, sex?; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

Notes: (3) A probable synonym of *atoma* Hopkins. References: **(tx)** de Ruette 1970: 101; Schedl 1967d: 7, 1979c: 167.

spinata (Schedl) 1977d: 282 (*Miocryphalus*). Holotype, sex?; Ghana, Volta Region, Ho, N 6 degrees 70', E 0 degrees 03'; NHMB, Budapest.

Distribution: Africa (Ghana).

References: **(tx)** Schedl 1977d: 282.

Genus *Periocryphalus* Wood

PERIOCRYPHALUS WOOD 1971: 33. Type-species: *Periocryphalus pullus* Wood, original designation.
References: (hb) Wood, S. L. 1986a: 92. (ds) Wood, S. L. 1986a: 92. (tx) Wood, S. L. 1971: 33. 1986a: 92.
pullus Wood 1971: 33. Holotype ♀; 40 km SE Socopo, Barinas, Venezuela; Wood Collection.
Distribution: South America (Brazil/Venezuela).

Hosts: Liana.
References: (hb) Wood, S. L. 1971: 33. (ds) Beaver 1974a. (tx) Wood, S. L. 1971: 33.
sobrinus Wood 1974a: 22. Holotype ♀; 260 km N Xavantina, Mato Grosso, Brazil; BMNH, London.
Distribution: South America (Brazil).
Hosts: *Protium* sp., *Siparuna* cf. *guianensis*.
References: (hb) Beaver 1974a. (ds) Beaver 1974a. (tx) Wood, S. L. 1974a: 22.

Tribe Corthylini LeConte

Corthyli

References: Blandford 1904: 248; LeConte 1876: 346–347; LeConte & Horn 1883: 516.

Corthylidae

References: Eichhoff 1878b: 421.

Corthylinae

References: Beal & Massey 1945: 104; Hagedorn 1909: 162, 1910a: 24, 137, 1910d: 90; Hopkins 1915c: 224.

Corthylini

References: Leng 1920: 339; Lucas 1920: 339; Wood, S. L. 1978a: 114, 1982b: 69, 1986a: 93–100.

Pityophthoridae

References: Eichhoff 1878b: 173.

Araptidae

References: Eichhoff 1878b: 305.

Amphiceranidae

References: Eichhoff 1878b: 460.

Corthylini: Pityophthorina

Pityophthoridae

References: Eichhoff 1878b: 173.

Pityophthorinae

References: Nusslin 1911: 431.

Pityophthorina

References: Balachowsky 1949a: 232; Nunberg 1954: 17; Wood, S. L. 1978a: 115, 1982b: 73, 1986a: 94, 97–98.

Araptidae

References: Eichhoff 1878b: 305.

Genus *Mimiocurus* Schedl

MIMIOCURUS SCHEDL 1957d: 72. Type-species: *Mimiocurus acuminatus* Schedl, monobasic.

Micracidendron Schedl 1957d: 71. Type-species: *Micracidendron montanum* Schedl, monobasic. Synonymy: Wood 1984b: 226.

References: (tx) Schedl 1957d: 71, 1962j: 29, 1977b: 120; Wood, S. L. 1984b: 226.

Mimiophthorus Schedl 1957d: 77. Type-species: *Brachydendrus montanus* Schedl, nomen nudum, an error for *B. congonus* Schedl, original designation (Schedl 1962j: 63). Synonymy: Wood 1984b: 226.

References: (tx) Schedl 1957d: 77, 1962j: 63; Wood, S. L. 1984b: 226.

References: (hb) Wood, S. L. 1986a: 97. (ds) Schedl 1962j: 52, 63, 1977b: 120; Wood, S. L. 1986a: 97. (tx) Schedl 1957d: 72, 1962j: 52, 63, 1977b: 120; Wood, S. L. 1986a: 97.

acuminatus Schedl 1957d: 72. Holotype, sex?; Congo Belge: Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: Liana.

References: (ec) Schedl 1962j: 53. (hb) Schedl

1962j: 53. (ds) Schedl 1962j: 53. (tx) Schedl 1957d: 72, 1962j: 53, 1979c: 11.

beesoni Wood 1989: 182. Holotype ♂; Amarampalam R., Nilambur, Madras, India; FRI, Dehra Dun.

Distribution: Asia (Tamil Nadu in India).

Hosts: *Tiliacora acuminata*.

References: (tx) Wood, S. L. 1989: 182.

congonus (Schedl) 1952i: 14 (*Brachydendrus*). Holotype ♀; Kivu, Mulungu, Congo Belge; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Asparagus* sp., *Chlorocodon whitcii*, *Leucas* sp.

Notes: (3) Schedl 1962j: 63 (treated in *Mimiophthorus*).

References: (hb) Schedl 1962j: 63. (ds) Mayne & Donis 1962: 302; Schedl 1962j: 63. (tx) Schedl 1952i: 14–15, 1955f: 258, 262, 1957d: 77, 1962j: 63–64, 1963a: 30, 1964m: 317, 1979c: 62.

kikusae (Schedl) 1957d: 77 (*Mimiophthorus*). Holotype, sex?; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.

Distribution: Africa (Ivory Coast/ Zaire).

Hosts: *Salacia* cf. *erecta*.

References: (ec) Schedl 1962j: 67. (hb) Schedl 1958d: 185, 1962j: 67. (ds) Schedl 1962j: 67. (tx) Schedl 1957d: 77, 1961m: 83–84, 1962j: 67, 1979c: 132.

kikusuae occidentalis Schedl 1961m: 83 (*Mimiophthorus*). Lectotype, sex?; Cote d'Ivoire; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 132.

References: (ds) Schedl 1964e: 68, 1972e: 282. (tx) Schedl 1961m: 83, 1962j: 68, 1979c: 132.

montanus (Schedl) 1957d: 71 (*Micracidendron*). Holotype, sex?; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Alchornea hirtella*.

References: (hb) Schedl 1958d: 185–194, 1962j: 29. (ds) Schedl 1962j: 29. (tx) Schedl 1957d: 71, 1962j: 29–30, 1979c: 158.

monticulus Wood 1989: 178. Holotype, sex?; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren, automatic.

Distribution: Africa (Zaire).

References: (ds) Schedl 1962j: 55. (tx) Schedl 1962j: 55; Wood, S. L. 1989: 178.

montanus Schedl 1957d: 73. Holotype, sex?; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren, preoccupied by Schedl 1957.

References: (ec) Schedl 1958d: 185. (tx) Schedl 1957b: 156–157, 1957d: 72–73, 1962j: 55, 1979c: 158; Wood, S. L. 1989: 178.

orientalis (Schedl) 1972i: 51 (*Mimiophthorus*). Holotype ♀; New Guinea (NW), Nabire; BPBM, Honolulu.

- Distribution: New Guinea.
References: (tx) Schedl 1972i: 51, 1979c: 181.
- rosseli** (Schedl) 1973e: 88 (*Taphroterus*). Holotype, sex?: New Guinea: Abaleti, Rossel Island, Milne Bay District; AMNH, New York.
Distribution: New Guinea.
Notes: (3) The holotype was examined by Wood and referred to *Mimiocurus* (Wood 1983 private notes, p. 16).
References: (tx) Schedl 1973e: 88, 1979c: 213.
- rugicollis** (Schedl) 1957d: 78 (*Mimiophthorus*). Holotype, sex?: Congo Belge: Kivu, Hembé-Bitale; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Salacia* cf. *erecta*.
References: (ec) Schedl 1962j: 70. (hb) Schedl 1962j: 70. (ds) Schedl 1962j: 70, 1971g: 191. (tx) Schedl 1957d: 78, 1962j: 70, 1979c: 216.
- ruwenzoriensis** (Schedl) 1963a: 30 (*Mimiophthorus*). Holotype, sex?: Uganda, Ruwenzori Range, Nyamgasani Valley, 13,000 ft.; BMNH, London.
Distribution: Africa (Uganda).
Hosts: *Senecio erioneuron*.
References: (tx) Schedl 1963a: 30, 1979c: 217.
- setifer** (Schedl) 1957b: 156 (*Mimips*). Lectotype, sex?: Tanganyika, Lushoto; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 226.
Distribution: Africa (Tanzania).
Hosts: *Syzygium* sp.
Notes: (1) Schedl 1979c: 226 (to *Mimiophthorus*, = *Mimiocurus*). This species has also been cited in *Dendrocranulus*.
References: (hb) Gardner 1957: 31. (ds) Schedl 1962j: 60. (tx) Schedl 1957b: 156, 1962j: 60, 1979c: 226.
- tongatapai** (Schedl) 1979f: 106 (*Mimiophthorus*). Holotype, sex?: Tonga, Tongatapu: Tupou College; New Zealand DSIR, Auckland.
Distribution: Tonga Islands.
References: (tx) Beaver 1987: 68; Schedl 1979f: 106.
- umbratus** (Schedl) 1972e: 290 (*Mimiophthorus*). Holotype ♀; [Ghana] Ashanti Region: Kumasi, Nhasu 330 m, N 6 43, W 1 36; NHMB, Budapest.
Distribution: Africa (Ghana).
References: (tx) Schedl 1972e: 290, 1979c: 260.
- uniseriatus** (Schedl) 1979d: 451 (*Mimiophthorus*). Holotype, sex?: Kamerun, Mukonje; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon).
References: (tx) Schedl 1979d: 451.
- 232; Hagedorn 1910a: 96–97, 1910d: 69; Wood, S. L. 1982b: 916–917, 1986a: 97–98.
- boliviae** (Schedl) 1961i: 224 (*Stephanopodius*). Holotype ♀; Bolivia, Do Santa Cruz, Prov. Jaita, Buenovista; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (tx) Schedl 1961i: 224, 1979c: 42.
- brasiliensis** (Schedl) 1972g: 58 (*Stephanopodius*). Holotype, sex?: Brasilien, Corcovado, Granabara; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1972g: 58, 1979c: 45.
- granulatum** Blandford 1904: 232. Holotype ♂; Bugaba, Chiriqui, Panama; BMNH, London.
Distribution: North America (Costa Rica/ Campeche in Mexico/ Panama).
Hosts: *Spondias mombin*.
Notes: (3) Wood 1971: 43 (described female).
References: (ec) Equihua & Atkinson 1986: 634; Matthews 1969: 111. (hb) Equihua & Atkinson 1986: 634. (ds) Blackwelder 1947: 782; Equihua & Atkinson 1986: 634; Estrada & Atkinson 1988: 212; Kleine 1913b: 139, 1914b: 362; Wood, S. L. 1982b: 917. (tx) Blandford 1904: 232; Hagedorn 1910a: 97; Hopkins 1914: 130; Lucas 1920: 619; Wood, S. L. 1982b: 917. (ms) Lucas 1920: 619.
- subulatum** Wood 1971: 43. Holotype ♀; 9 km S Barancas, Barinas, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: *Astronium graviolens*.
References: (hb) Wood 1971: 43.

Genus *Dendroterus* Blandford

- DENDROTERUS BLANDFORD 1904: 233. Type-species: *Dendroterus mexicanus* Blandford, subsequent designation by Hopkins 1914: 120.
- Plesiophthorus* Schedl 1940a: 343. Type-species: *Plesiophthorus perspectus* Schedl, monobasic.
Synonymy: Wood 1959b: 2.
References: (tx) Schedl 1940a: 343, 1964m: 312; Wood, S. L. 1959b: 2, 1986a: 97.
- Xylochilus* Schedl 1956b: 30. Type-species: *Xylochilus insularis* Schedl = *Dendroterus sallaei* Blandford, original designation. Synonymy: Wood 1972e: 191.
References: (tx) Schedl 1956b: 30; Wood, S. L. 1972e: 191, 1986a: 97.
Keys: Wood 1982b: 918.
References: (hb) Bright & Stark 1973: 96; Wood, S. L. 1982b: 917, 1986a: 97. (ds) Bright & Stark 1973: 96; Estrada & Atkinson 1988: 212; Wood, S. L. 1982b: 917, 1986a: 97. (tx) Arnett 1960: 1045, 1968: 1045; Blandford 1904: 233; Hopkins 1914: 120, 1915b: 9; Wood, S. L. 1982b: 917, 1986a: 97.
- cognatus** Wood 1971: 46. Holotype ♀; 5 km W El Salto, Durango, Mexico; Wood Collection.
Distribution: North America (Nayarit in Mexico).
Hosts: *Bursera* sp.
References: (hb) Wood, S. L. 1982b: 923. (ds)
- Genus *Styphlosoma* Blandford
STYPHLOSOMA BLANDFORD 1904: 232. Type-species: *Styphlosoma granulatum* Blandford, monobasic.
References: (hb) Wood, S. L. 1986a: 97–98. (ds) Wood, S. L. 1986a: 97–98. (tx) Blandford 1904:

- Wood, S. L. 1982b: 923. (**tx**) Wood, S. L. 1971: 46, 1982b: 923.
- decipiens** Wood 1959b: 5. Holotype ♂; 3 miles NW Tequila, Jalisco, Mexico; SMUK, Lawrence.
Distribution: North America (Jalisco, Oaxaca in Mexico).
Hosts: *Bursera* sp.
References: (**hb**) Atkinson et al. 1986: 68; Burgos & Saucedo 1983: 109; Wood, S. L. 1982b: 926. (**ds**) Atkinson et al. 1986: 68; Burgos & Saucedo 1983: 109; Wood, S. L. 1982b: 926. (**tx**) Wood, S. L. 1959b: 5, 1982b: 926.
- defectus** Wood 1971: 45. Holotype ♀; near Rincon de Osa, Puntarenas, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica/Panama).
Hosts: *Bursera simarubra*.
References: (**hb**) Wood, S. L. 1982b: 923. (**ds**) Wood, S. L. 1982b: 923. (**tx**) Wood, S. L. 1971: 45–46, 1982b: 923.
- eximius** Wood 1971: 44. Holotype ♀; Lago Amatitlan, Esquinla, Guatemala; Wood Collection.
Distribution: North America (Guatemala).
Hosts: *Bursera simarubra*.
References: (**hb**) Wood, S. L. 1982b: 923. (**ds**) Wood, S. L. 1982b: 923. (**tx**) Wood, S. L. 1971: 44, 1982b: 923.
- fossifrons** Wood 1984e: 114. Holotype ♂; Estacion de Biología, Jalisco, Mexico; Wood Collection.
Distribution: North America (Jalisco in Mexico).
Hosts: *Bursera* sp.
References: (**ec**) Equihua & Atkinson 1986: 633. (**hb**) Equihua & Atkinson 1986: 633. (**ds**) Equihua & Atkinson 1986: 633. (**tx**) Wood, S. L. 1984e: 114.
- luteolus** (Schedl) 1951m: 111 (*Plesiophthorus*). Holotype ♂; Mexico; Schedl Collection in NHMW, Wien.
Figures: Atkinson et al. 1986: 77.
Distribution: North America (Chiapas, Morelos, Nayarit, Puebla in Mexico).
Hosts: *Bursera* spp.
References: (**ec**) Equihua & Atkinson 1986: 634. (**hb**) Atkinson et al. 1986: 70; Equihua & Atkinson 1986: 634; Wood, S. L. 1954a: 107, 1982b: 926. (**ds**) Atkinson & Equihua 1988: 90; Atkinson et al. 1986: 70; Equihua & Atkinson 1986: 634; Estrada & Atkinson 1988: 211; Wood, S. L. 1982b: 926. (**tx**) Atkinson et al. 1986: 77; Schedl 1951m: 111–112, 1952e: 123, 1979c: 143; Wood, S. L. 1954a: 1071, 1959b: 2, 1972e: 194, 1982b: 926.
- mundus** Wood 1959b: 3. Holotype ♂; Tehuiztingo, Puebla, Mexico; SMUK, Lawrence. Synonymy: Wood 1972e: 194.
References: (**tx**) Schedl 1964m: 312; Wood, S. L. 1959b: 3, 1972e: 194.
- mexicanus** Blandford 1904: 233. Holotype ♀; Tehuantepec, Oaxaca, Mexico; BMNH, London.
Distribution: North America (Jalisco, Morelos, Nayarit, Oaxaca in Mexico).
Hosts: *Bursera* spp.
References: (**ec**) Equihua & Atkinson 1986: 634. (**hb**) Atkinson & Equihua 1985c: 358; Atkinson et al. 1986: 70; Burgos & Saucedo 1983: 108; Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 924. (**ds**) Atkinson & Equihua 1985c: 358, 1988: 90; Atkinson et al. 1986: 70; Blackwelder 1947: 782; Burgos & Saucedo 1983: 108; Equihua & Atkinson 1986: 634; Ferrer 1942; Hagedorn 1910d: 69; Kleine 1913b: 139, 1914b: 351; Wood, S. L. 1982b: 924. (**tx**) Blandford 1904: 233; Hagedorn 1910a: 91; Hopkins 1914: 120; Lucas 1920: 230; Schedl 1940a: 343; Wood, S. L. 1959b: 2, 1972e: 194, 1976a: 348, 1982b: 924. (**ms**) Lucas 1920: 230.
- umbratus** Schedl 1937h: 168 (*Conophthorcanulus*). Holotype ♀; Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1976a: 348.
References: (**tx**) Schedl 1937h: 168–169, 1940a: 346, 1964m: 312; Wood, S. L. 1976a: 348.
- confinis** Wood 1959b: 6. Holotype ♂; 23 km NW Magdalina, Jalisco, Mexico; SMUK, Lawrence. Synonymy: Wood 1972e: 196.
References: (**tx**) Schedl 1959b: 6, 1964m: 312; Wood, S. L. 1959b: 6, 1972e: 194.
- modicus** Wood 1984e: 115. Holotype ♀; Volcan Ceboruco, Nayarit, Mexico, 1100 m; Wood Collection.
Distribution: North America (Nayarit in Mexico).
Hosts: *Bursera* sp.
References: (**tx**) Wood, S. L. 1984e: 115.
- parilis** Wood 1971: 44. Holotype ♀; Santa Ana, San Jose, Costa Rica, 1300 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Bursera simarubra*.
References: (**hb**) Wood, S. L. 1982b: 922. (**ds**) Wood, S. L. 1982b: 922. (**tx**) Wood, S. L. 1971: 44, 1982b: 922.
- perspectus** (Schedl) 1940a: 343 (*Plesiophthorus*). Holotype ♀; Omiltilme, Guerrero, Mexico; Schedl Collection in NHMW, Wien.
Distribution: North America (Guerrero in Mexico).
Notes: (1) Wood 1959b: 2 (to *Dendroterus*). (3) Wood 1982b: 924 (redescribed female).
References: (**hb**) Atkinson et al. 1986: 70. (**ds**) Atkinson et al. 1986: 70; Blackwelder 1947: 781; Ferrer 1942. (**tx**) Schedl 1940a: 343, 1952e: 122, 1979c: 191; Wood, S. L. 1959b: 2, 1982b: 924.
- resolutus** Wood 1971: 45. Holotype ♀; Playa del Coco, Guanacaste, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Bursera simarubra*.
References: (**hb**) Wood, S. L. 1982b: 925. (**ds**) Wood, S. L. 1982b: 925. (**tx**) Wood, S. L. 1971: 45, 1982b: 925.

sallaei Blandford 1904: 233. Holotype ♀; Veracruz, Veracruz, Mexico; BMNH, London.

Distribution: North America (Costa Rica/ Chiapas, Jalisco, Nayarit, Oaxaca, Tamaulipas, Tres Marias Islands in Mexico).

Hosts: *Bursera sinarubra*, *B. sp.*

References: (ec) Equihua & Atkinson 1986: 634. (hb) Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 924. (ds) Atkinson & Equihua 1988: 90; Blackwelder 1947: 782; Equihua & Atkinson 1986: 634; Ferrer 1942; Hagedorn 1910d: 69; Kleine 1913b: 139, 1914b: 351; Wood, S. L. 1982b: 924. (tx) Blandford 1904: 233; Hagedorn 1910a: 91; Lucas 1920: 230; Schedl 1940a: 343; Wood, S. L. 1959b: 2, 1972e: 195, 1982b: 924. (ms) Lucas 1920: 230.

insularis Schedl 1956b: 31 (*Xylochilus*). Holotype ♂; Arroyo Hondo, Maria Madre, Tres Marias Islands, Gulf of California, Mexico; CAS, San Francisco. Synonymy: Wood 1972e: 195.

References: (hb) Wood, S. L. 1982b: 921. (ds) Wood, S. L. 1982b: 921. (tx) Schedl 1956b: 31, 1979c: 126; Wood, S. L. 1972e: 195, 1982b: 921.

sodalis Wood 1971: 44. Holotype ♀; Volcan de Agua, Esquinla, Guatemala; Wood Collection.

Distribution: North America (Guatemala).

Hosts: *Bursera sinarubra*.

References: (tx) Wood, S. L. 1971: 44.

striatus (LeConte) 1868: 156 (*Cryphalus*). Lectotype ♀; Cape San Lucas, Baja California, Mexico; MCZ, Cambridge, designated by Wood 1982b: 927. Distribution: North America (Baja California in Mexico/ S California in USA).

Hosts: *Bursera microphylla*.

Notes: (1) Wood 1954a: 1071 (to *Plesiophthorus*, 1972e: 195 to *Dendroterus*).

References: (hb) Bright & Stark 1973: 96; Wood, S. L. 1954a: 1071, 1982b: 927. (ds) Blatchley & Leng 1916: 631; Bright & Stark 1973: 96; Chamberlin 1939: 295; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 45; Henshaw 1882: 269, 1885: 148; Horn 1894: 359; Leng 1920: 340; Wood, S. L. 1982b: 927. (tx) Blatchley & Leng 1916: 631; Hagedorn 1910a: 88; Hopkins 1915b: 33; LeConte 1868: 156, 1876: 356; Swaine 1909: 119; Wood, S. L. 1954a: 960, 1071, 1959b: 2, 1972e: 195, 1982b: 927. **californicus** Schedl 1952e: 123 (*Plesiophthorus*).

Holotype ♀; Angeles Bay, Gulf of California, Baja California, Mexico; CAS, San Francisco. Synonymy: Wood 1972e: 195.

References: (hb) Wood, S. L. 1954a: 1071. (tx) Schedl 1952e: 122–123, 1979c: 50; Wood, S. L. 1954a: 1071, 1959b: 2, 1972e: 195.

texasus Wood 1959b: 4. Holotype ♂; Presidio, Texas [USA]; USNM, Washington.

Distribution: North America (SW Texas in USA).

Hosts: *Jatropha spatulata*.

References: (hb) Wood, S. L. 1982b: 920. (ds) Wood, S. L. 1982b: 920. (tx) Schedl 1964m: 312; Wood, S. L. 1959b: 4, 1982b: 920.

Genus *Phloeoterus* Wood

PHLOEOTERUS WOOD 1984e: 117. Type-species: *Phloeoterus burserae* Wood, original designation. References: (hb) Wood, S. L. 1986a: 97. (ds) Wood, S. L. 1986a: 97. (tx) Wood, S. L. 1984e: 117, 1986a: 97.

burserae Wood 1984e: 117. Holotype ♀; Estacion de Biología, Chamela, Jalisco, Mexico; Wood Collection.

Distribution: North America (Jalisco in Mexico).

Hosts: *Bursera instabilis*.

References: (ec) Equihua & Atkinson 1986: 634. (hb) Equihua & Atkinson 1986: 634. (ds) Equihua & Atkinson 1986: 634. (tx) Muskus, A. 1984: 100; Wood, S. L. 1984e: 117.

Genus *Araptus* Eichhoff

ARAPTUS EICHHOFF 1872a: 136. Type-species: *Araptus rufopalliatius* Eichhoff, monobasic.

Neodryocoetes Eggers 1933b: 9. Type-species: *Neodryocoetes hymenaeae* Eggers, monobasic. Synonymy: Blackman 1942a: 180, Wood 1973c: 170.

References: (tx) Blackman 1942a: 178–181; Bright 1972d: 91; Diakonoff 1938: 12–14; Eggers 1933b: 9, 1936a: 388–390, 1940a: 123–141; Schedl 1937h: 165, 1938a: 160–167, 177, 1939e: 344, 1951m: 72, 1962p: 206, 1964m: 311; Wood, S. L. 1973c: 170, 1986a: 97.

Thamnophthorus Schedl 1938a: 174. Type-species: *Thamnophthorus volastos* Schedl, subsequent designation by Blackman 1942a: 178. Synonymy: Wood 1973c: 170.

References: (tx) Arnett 1960: 1045, 1968: 1045; Blackman 1942a: 178; Schedl 1938a: 174; Wood, S. L. 1961a: 41–48, 1973c: 170, 1986a: 97.

Neopityophthorus Schedl 1938a: 180. Type-species: *Pityophthorus laevigatus* Eggers, subsequent designation by Wood 1982b: 928. Synonymy: Schedl 1951m: 72.

References: (tx) Blackman 1942a: 180; Eggers 1940a: 123–141; Schedl 1937h: 165, 1938a: 160–167, 180, 1951m: 72; Wood, S. L. 1982b: 928, 1986a: 97.

Sphenoceros Schedl 1939j: 565. Type-species: *Sphenoceros limax* Schedl, monobasic. Synonymy: Wood 1973c: 170.

References: (tx) Schedl 1939j: 565–566; Wood, S. L. 1973c: 170, 1986a: 97.

Hypertensus Hagedorn 1950: 164 (in Schedl 1950i: 164). Type-species: *Hypertensus reitteri*, nomen nudum, = *Sphenoceros limax* Schedl. Nomen nudum, no status.

References: (tx) Hagedorn 1950: 164 (in Schedl 1950i); Wood, S. L. 1986a: 97.

Brachydendrulus Schedl 1951m: 114. Type-species: *Brachydendrulus eggersi* Schedl, monobasic. Synonymy: Wood 1984b: 224.

- References: (**tx**) Schedl 1951m: 114, 1957d: 1–162; Wood, S. L. 1984b: 224, 1986a: 97.
- Gnathocranus* Schedl 1951m: 116. Type-species: *Gnathocranus novateutonicus* Schedl, monobasic. Synonymy: Wood 1984b: 224.
- References: (**tx**) Schedl 1951m: 116; Wood, S. L. 1984b: 224, 1986a: 97.
- Gnathoborus* Schedl 1970e: 93. Type-species: *Breviophthorus argentinae* Schedl, original designation. Synonymy: Wood 1984b: 224.
- References: (**tx**) Schedl 1970e: 93; Wood, S. L. 1984b: 224, 1986a: 97.
- Keys: Wood 1982b: 928 for North and Central America, Bright 1972d: 91 for Jamaica.
- References: (**hb**) Wood, S. L. 1982b: 927, 1986a: 97. (**ds**) Hagedorn 1910d: 77; Wood, S. L. 1982b: 927, 1986a: 97. (**tx**) Eichhoff 1872a: 136, 1878b: 35, 37, 305; Hagedorn 1909a: 743, 1909b: 412, 1910a: 110; Hopkins 1914: 117, 1915c: 228; Schedl 1962j: 28; Wood, S. L. 1973c: 170, 1982b: 927–928, 1986a: 97.
- accinctus** Wood 1974a: 44. Holotype ♂; 3 km SE Acatlan, Puebla, Mexico; Wood Collection.
- Distribution: North America (Puebla in Mexico).
- Hosts: Liana, in pith.
- References: (**hb**) Atkinson et al. 1986: 68; Wood, S. L. 1982b: 938. (**ds**) Atkinson et al. 1986: 68; Wood, S. L. 1982b: 938. (**tx**) Wood, S. L. 1974a: 44, 1982b: 938.
- amazonicus** (Eggers) 1936a: 391 (*Neodryocoetes*). Holotype ♂; Brasilien, Amazonas, Manaus; Eggers Collection, in NHMW, Wien.
- Distribution: South America (Brazil).
- References: (**ds**) Blackwelder 1947: 781. (**tx**) Eggers 1936a: 391–392; Schedl 1938a: 177, 1979c: 18.
- araucariae** (Schedl) 1966f: 109 (*Conophthoracranulus*). Holotype ♀?; Argentinien, Misiones, Dep. Concep., Sta. Maria; Schedl Collection in NHMW, Wien.
- Distribution: South America (Argentina).
- Hosts: *Araucaria brasiliensis*, in seeds.
- References: (**tx**) Schedl 1966e: 43, 1966f: 109, 1979c: 24.
- araujiae** Brethes 1921: 165 (*Xyleborus*). Syntypes, sex?; La Plata, Argentina; Museo Argentino de Ciencias Naturales, Buenos Aires.
- Figures: Brethes 1921: 166 (adult, antenna).
- Distribution: South America (Argentina/ Brazil).
- Hosts: *Araujia sericifera*.
- Notes: (1) Schedl 1939m: 169 (to *Neodryocoetes*, =*Araptus*).
- References: (**cn**) Costa Lima 1956. (**hb**) Costa Lima 1956; Viana 1964: 125. (**ds**) Blackwelder 1947: 781; Costa Lima 1956; Schedl 1972g: 43, 1973d: 155; Viana 1964: 125. (**tx**) Brethes 1921: 165; Costa Lima 1956; Schedl 1939d: 412, 1939m: 169, 1951h: 284, 1952a: 446.
- longicollis* Schedl 1938a: 179 (*Neodryocoetes*). Holotype, sex?; Argentinien, Prov. Tucuman; Eggers Collection, in NHMW, Wien. Synonymy: Costa Lima 1956: 288.
- Notes: (3) Schedl 1938a: 25 gives the host as *Araujia* sp.
- References: (**ds**) Blackwelder 1947: 781. (**tx**) Costa Lima 1956: 288; Schedl 1938a: 179, 1938i: 25, 1939m: 169, 1961b: 187, 1979c: 140.
- argentinae** (Schedl) 1958f: 44 (*Breviophthorus*). Syntypes, sex?; Argentinien: Misiones, Dep. Concep., Sta. Maria; Schedl Collection in NHMW, Wien and Viana Collection.
- Distribution: South America (Argentina/ Brazil).
- Notes: (1) Schedl 1970e: 93, 1979c: 25 (citation of holotype invalid).
- References: (**ds**) Schedl 1958f: 44, 1970e: 82, 93; Schonherr & Pedrosa-Macedo 1981: 53. (**tx**) Schedl 1958f: 44, 1979c: 25.
- attenuatus** Wood 1975a: 30. Holotype ♀; 48 km W Bajia de los Angeles, Baja California Norte, Mexico; Wood Collection.
- Distribution: North America (Baja California Norte in Mexico).
- Hosts: *Pedialanthus macrocarpus*.
- References: (**ds**) Wood, S. L. 1982b: 951. (**tx**) McNamara 1984: 752; Wood, S. L. 1975a: 30, 1982b: 951.
- aztecus** (Wood) 1971: 54 (*Sphenoceros*). Holotype ♀; 6 km W Tepic, Nayarit, Mexico; Wood Collection.
- Distribution: North America (Nayarit, San Luis Potosi in Mexico).
- Hosts: Tree limb, in phloem, in transverse, biramous parental tunnels; *Ficus* sp.
- References: (**hb**) Wood, S. L. 1982b: 962. (**ds**) Atkinson & Equihua 1985c: 358; Estrada & Atkinson 1988: 211; Wood, S. L. 1982b: 962. (**tx**) Wood, S. L. 1971: 54, 1982b: 962.
- blanditus** Wood 1974a: 47. Holotype ♀; Fortin de las Flores, Veracruz, Mexico; Wood Collection.
- Distribution: North America (Veracruz in Mexico/ Panama).
- Hosts: Tree branch.
- References: (**ds**) Wood, S. L. 1982b: 951. (**tx**) Wood, S. L. 1974a: 47, 1982b: 951.
- bolivianus** (Schedl) 1951m: 110 (*Neodryocoetes*). Holotype, sex?; Bolivien, Cochabamba (German); Schedl Collection in NHMW, Wien.
- Distribution: South America (Bolivia).
- References: (**tx**) Schedl 1951h: 291, 1951m: 110, 115, 1979c: 43.
- brasiliensis** (Schedl) 1938a: 178 (*Neodryocoetes*). Holotype ♂; Brasilien; Schedl Collection in NHMW, Wien.
- Distribution: South America (Brazil).
- References: (**ds**) Blackwelder 1947: 781. (**tx**) Schedl 1938a: 175, 178, 1938i: 26, 1979c: 45.
- carinifrons** (Blandford) 1904: 244 (*Pityophthorus*). Holotype ♂; Motzorongo, Veracruz, Mexico; BMNH, London.

- Distribution: North America (Veracruz in Mexico/ Panama).
 Hosts: Liana, in pith.
 Notes: (1) Bright 1976c: 425 (to *Araptus*).
 References: (**hb**) Wood, S. L. 1982b: 941. (**ds**) Blackwelder 1947: 781; Hagedorn 1910d: 70; Kleine 1913b: 140, 1914b: 351; Wood, S. L. 1982b: 941. (**tx**) Blandford 1904: 244; Bright 1976c: 425; Hagedorn 1910a: 100; Schedl 1940a: 348; Wood, S. L. 1982b: 941.
- chilensis** (Schedl) 1955e: 258 (*Conophthocranulus*). Syntypes, sex?; Chile, Valparaiso, Algarrobo; Kuschel Collection and 2 ♂ in Schedl Collection in NHMW, Wien.
 Distribution: South America (Chile).
 Notes: (1) Schedl 1979: 56 (citation of holotype invalid).
 References: (**ds**) Schedl 1972d: 144. (**tx**) Schedl 1955e: 256, 258, 1972d: 144, 1979c: 56.
- columbianus** (Schedl) 1938a: 178 (*Neopityophthorus*). Holotype, sex?; Colombian; Schedl Collection in NHMW, Wien.
 Distribution: South America (Colombia).
 Hosts: *Theobroma cacao*, in seeds.
 References: (**ds**) Blackwelder 1947: 781. (**tx**) Blackman 1942a: 183–184; Schedl 1938a: 178, 1979c: 60.
- concentralis** (Schedl) 1951m: 107 (*Neodryocoetes*). Holotype, sex?; Mexico; Schedl Collection in NHMW, Wien.
 Distribution: North America (Jalisco, Oaxaca, Puebla in Mexico).
 Hosts: Shrub (? Compositae), in phloem, in radiate parental tunnels.
 References: (**hb**) Wood, S. L. 1982b: 959. (**ds**) Wood, S. L. 1982b: 959. (**tx**) Schedl 1951m: 107, 1979c: 61; Wood, S. L. 1982b: 959.
- conditus** Wood 1974a: 48. Holotype ♀; Puerto Viejo, Heredia, Costa Rica; Wood Collection.
 Distribution: North America (Costa Rica).
 Hosts: Liana phloem, in radiate parental tunnels.
 References: (**hb**) Wood, S. L. 1982b: 953. (**ds**) Wood, S. L. 1982b: 953. (**tx**) Wood, S. L. 1974a: 48, 1982b: 953.
- confinis** (Blandford) 1904: 241 (*Pityophthorus*). Lectotype ♂; Jalapa, Veracruz, Mexico; BMNH, London, designated by Wood 1975b: 39.
 Distribution: North America (Guatemala/ Honduras/ Chiapas, Veracruz in Mexico/ Panama).
 Hosts: Liana.
 References: (**hb**) Wood, S. L. 1982b: 942. (**ds**) Blackwelder 1947: 781; Ferrer 1942; Hagedorn 1910d: 70; Kleine 1913b: 140, 1914b: 351, 362; Wood, S. L. 1982b: 942. (**tx**) Blandford 1904: 241; Bright 1976b: 185; Eggers 1936a: 390; Hagedorn 1910a: 100; Schedl 1938a: 177, 1940a: 346, 1955g: 18; Wood, S. L. 1975b: 391, 1982b: 942.
glabricollis Schedl 1938a: 181. Holotype ♂; [Teopisca, Chiapas] Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1975b: 391.
- References: (**ds**) Blackwelder 1947: 781; Ferrer 1942. (**tx**) Schedl 1938a: 181, 1940a: 346, 1951m: 108, 1979c: 106; Wood, S. L. 1975b: 391.
- confluens** (Schedl) 1964k: 311 (*Ctenyophthorus*). Holotype ♀; Nova Teutonia, Santa Catarina, Brazil; Schedl Collection in NHMW, Wien, automatic.
 Distribution: South America (Brazil).
 References: (**tx**) Schedl 1964k: 311.
- concentralis** Schedl 1963d: 222 (*Ctenyophthorus*). Holotype, sex?; Nova Teutonia, Santa Catarina, Brazil; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1951.
 References: (**tx**) Schedl 1951m: 107, 1963d: 222, 1964m: 311, 1979c: 61.
- consobrinus** Wood 1975b: 394. Holotype ♂; 6 km N Tepic, Nayarit, Mexico, 1000 m; Wood Collection.
 Distribution: North America (Jalisco, Nayarit in Mexico).
 Hosts: *Ficus* sp.
 References: (**ec**) Equihua & Atkinson 1986: 633. (**hb**) Equihua & Atkinson 1986: 633. (**ds**) Atkinson & Equihua 1985c: 358; Equihua & Atkinson 1986: 633; Kirkendall 1984: 242; Wood, S. L. 1982b: 950. (**tx**) Wood, S. L. 1975b: 394, 1982b: 950.
- corpulentus** (Schedl) 1973a: 371 (*Neodryocoetes*). Holotype, sex?; Bolivien, Guayaramerin (Beni); NHMB, Budapest.
 Distribution: South America (Bolivia).
 References: (**tx**) Schedl 1973a: 371.
- costaricensis** (Schedl) 1938a: 180 (*Neodryocoetes*). Holotype ♀; Costa Rica; Schedl Collection in NHMW, Wien.
 Distribution: North America (Costa Rica/ Panama).
 Hosts: *Cecropia* sp. petiole, and tree twigs.
 Notes: (1) Validated as *insularis* var. *costaricensis*. (3) Allied to *laevigatus*, with similar reproduction and sexual dimorphism.
 References: (**ds**) Wood, S. L. 1982b: 945. (**tx**) Schedl 1938a: 180, 1951m: 73, 1979c: 126; Wood, S. L. 1982b: 945.
- crassulus** Wood 1981: 122. Holotype ♀; 8 km NE Cerro Jefe, Panama Prov., Panama, 700 m; CNCI, Ottawa, automatic.
 Distribution: North America (Panama).
 References: (**ds**) Wood, S. L. 1982b: 947. (**tx**) Wood, S. L. 1981: 122, 1982b: 947.
- crassus** Wood 1977b: 211. Holotype ♀?; 8 km NE Cerro Jefe, Panama Prov., Panama; CNCI, Ottawa, preoccupied by Schedl 1966.
 References: (**tx**) Wood, S. L. 1977b: 211.
- crassus** (Schedl) 1966f: 108 (*Thamnophthorus*). Holotype, sex?; Surinam, Moenge; Schedl Collection in NHMW, Wien.
 Distribution: South America (Suriname).

References: (tx) Schedl 1966f: 108, 1979c: 68.

cribricollis (Schedl) 1954b: 36 (*Neodryocoetes*).
Syntypes ♂ ♀; Brasilien, Fortaleza R. G.; Schedl Collection in NHMW, Wien, and Plaumann Collection.

Distribution: South America (Brazil).

Notes: (1) Schedl 1979c: 69 (citation of holotype invalid).

References: (tx) Schedl 1954b: 36, 1963d: 223, 1979c: 69.

sulcatus Schedl 1959m: 552 (*Breviophthorus*).
Holotype ♀; Matto Grosso: Rio Caraguata; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1963d: 223.

References: (tx) Schedl 1959m: 552, 1963d: 223, 1979c: 245.

cribripenis (Schedl) 1976a: 70 (*Neodryocoetes*).
Holotype ♀?; Xingu, Mato Grosso, Brasil; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1976a: 70.

cubensis (Blackman) 1942a: 191 (*Neodryocoetes*).
Holotype ♀; Cayamas, Cuba; USNM, Washington.

Figures: Blackman 1942a: figs. 8–9.

Distribution: Antilles Islands (Cuba).

References: (ds) Blackwelder 1947: 781; Bright 1985c: 175. (tx) Blackman 1942a: 191–192; Bright 1985c: 175; Schedl 1951m: 107.

decorulus Wood 1974d: 278. Holotype ♂; Rincon de Osa, Puntarenas, Costa Rica; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Tree log, in phloem.

References: (hb) Wood, S. L. 1982b: 948. (ds) Wood, S. L. 1982b: 948. (tx) Wood, S. L. 1974d: 278, 1982b: 948.

decorus Wood 1974a: 47. Holotype ♂; Rincon de Osa, Puntarenas, Costa Rica; Wood Collection, preoccupied by Bright 1972.

References: (tx) Wood, S. L. 1974a: 47, 1974d: 278.

decorus (Bright) 1972d: 96 (*Neodryocoetes*). Holotype ♂; Good Hope, Trelawny Parish, Jamaica; CNCI, Ottawa.

Distribution: Antilles Islands (Jamaica).

References: (ds) Bright 1985c: 176. (tx) Bright 1972d: 96, 1985c: 176; McNamara 1977: 196; Wood, S. L. 1974d: 278.

delicatus Wood 1974a: 44. Holotype ♂; 8 km S La Huerta, Jalisco, Mexico; Wood Collection.

Distribution: North America (Jalisco, Nayarit in Mexico).

Hosts: Liana, in pith.

References: (ec) Equihua & Atkinson 1986: 633. (hb) Equihua & Atkinson 1986: 633; Wood, S. L. 1982b: 939. (ds) Equihua & Atkinson 1986: 633; Wood, S. L. 1982b: 939. (tx) McNamara 1984: 752; Wood, S. L. 1974a: 44, 1982b: 939.

dentifrons Wood 1974a: 45. Holotype ♂; 3 km SE Acatlan, Puebla, Mexico; Wood Collection.

Distribution: North America (Honduras/ Jalisco, Puebla in Mexico/ Florida in USA).

Hosts: Lianas (in pith), *Sarcostemma clausum*.

References: (hb) Atkinson et al. 1986: 35; Burgos & Saucedo 1983: 110; Wood, S. L. 1982b: 942. (ds) Atkinson & Equihua 1985a: 88; Atkinson et al. 1986: 35, 1991: 162; Burgos & Saucedo 1983: 110; Wood, S. L. 1982b: 942. (tx) Wood, S. L. 1974a: 45, 1982b: 942.

mexicanus Schedl 1963c: 161 (*Breviophthorus*).

Holotype ♂; Mexico; Schedl Collection in NHMW, Wien, preoccupied by Eggers 1936.

Synonymy: Wood 1982b: 942.

References: (tx) Schedl 1963c: 161, 1979c: 152; Wood, S. L. 1982b: 942.

deyrollei (Blandford) 1904: 245 (*Pityophthorus*).
Lectotype ♂; Mexico; BMNH, London, designated by Wood 1974d: 278.

Distribution: North America (Guatemala/ Honduras/ "Mexico").

Hosts: In seeds.

References: (hb) Wood, S. L. 1982b: 937. (ds) Blackwelder 1947: 781; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 351; Wood, S. L. 1982b: 937. (tx) Blandford 1904: 245; Hagedorn 1910a: 100; Schedl 1938a: 174, 1940a: 348; Wood, S. L. 1974d: 278, 1982b: 937.

insinuatus Wood 1974a: 43. Holotype ♂; Guatemala seeds intercepted at San Pedro, California; Wood Collection. Synonymy: Wood 1974d: 278.

References: (tx) Wood, S. L. 1974a: 43, 1974d: 278.

dubiosus (Schedl) 1964b: 206 (*Thamnophthorus*).
Holotype, sex?; Jacarepagua, Rio de Janeiro, Argentina; Servicio de Defensa Sanitaria Vegetal, Rio de Janeiro.

Distribution: South America (Argentina).

Hosts: *Nerium oleander*.

References: Schedl 1964b: 206, 1979c: 84.

dubius (Schedl) 1966f: 105 (*Neodryocoetes*). Holotype ♀; Brasilien, Nova Teutonia, Sta. Catarina; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Schedl 1966f: 85, 105, 1979c: 85.

eggersi (Schedl) 1951m: 115 (*Brachydendrulus*).
Holotype, sex?; Bolivien, Cochabamba (German); Schedl Collection in NHMW, Wien.

Distribution: South America (Bolivia).

Notes: (3) Schedl 1951m: 115 (cited as *Brachydendrulus laevis* Eggers, nomen nudum).

References: (tx) Schedl 1951m: 115, 1952i: 14, 1954b: 34, 1979c: 86.

eggersianus (Schedl) 1958k: 144 (*Pityophthorus*).

Holotype, sex? Guadeloupe: Trois-Rivieres; Eggers Collection, in NHMW, Wien, automatic.

Distribution: Antilles Islands (Guadeloupe).

- References: (tx) Schedl 1958k: 144, 1960i: 106.
denticulatus Eggers 1940a: 129 (*Pityophthorus*).
 Holotype, sex?; Guadeloupe: Trois-Rivieres; Eggers Collection, in NHMW, Wien, preoccupied by Wichmann 1915.
 Notes: (1) Bright 1981c: 158 (to *Araptus*).
 References: (ds) Bright 1985c: 176. (tx) Bright 1981c: 158, 1985c: 176; Eggers 1940a: 129; Schedl 1938a: 162, 1952d: 347, 1957e: 878, 1958k: 144, 1960h: 106, 1979c: 78.
- guadeloupensis* Nunberg 1956d: 208 (*Pityophthorus*). Holotype, sex?; Guadeloupe: Trois-Rivieres; Eggers Collection, in NHMW, Wien, automatic, preoccupied by Schedl 1951.
 References: (tx) Nunberg 1956d: 208, 1963c: 98; Schedl 1960i: 106.
- elongatus* (Schedl) 1961i: 226 (*Thamnophthorus*). Holotype, sex?; Bolivia, Cochabamba, Taguina; Schedl Collection in NHMW, Wien.
 Distribution: South America (Bolivia).
 References: (ds) Schedl 1960a: 77, 1961i: 226, 1979c: 90.
- eruditus* (Schedl) 1938a: 182 (*Neopityophthorus*). Holotype ♀; [El Cora, Tepic], Mexico; Schedl Collection in NHMW, Wien.
 Figures: Blackman 1942a: fig. 15.
 Distribution: North America (Costa Rica/ Guatemala/ Honduras/ Chiapas, Nayarit, Oaxaca in Mexico/ Panama).
 Hosts: Limb and log, in phloem, in radiate parental tunnels.
 Notes: (1) Wood 1975b: 392 (to *Araptus*).
 References: (hb) Wood, S. L. 1982b: 956. (ds) Atkinson & Equihua 1986a: 422; Blackwelder 1947: 781; Ferrer 1942; Wood, S. L. 1982b: 956. (tx) Schedl 1938a: 182, 1940a: 346, 1951m: 109, 1954b: 36, 1979c: 91; Wood, S. L. 1975b: 392, 1982b: 956.
- buscki* Blackman 1942a: 192 (*Neodryocoetes*). Holotype ♀; Cabima, Panama; USNM, Washington. Synonymy: Wood 1975b: 392.
 References: (ds) Blackwelder 1947: 781. (tx) Blackman 1942a: 192; Wood, S. L. 1975b: 392.
- exigialis* Wood 1974a: 50. Holotype ♀; Fort Clayton, Canal Zone, Panama, 30 m; Wood Collection.
 Distribution: North America (Panama).
 Hosts: Liana phloem, in radiate parental tunnels.
 References: (hb) Wood, S. L. 1982b: 957. (ds) Wood, S. L. 1982b: 957. (tx) Wood, S. L. 1974a: 50, 1982b: 957.
- facetis* Wood 1974a: 46. Holotype ♀; Rio Tempisque, Guanacaste, Costa Rica; Wood Collection.
 Distribution: North America (Costa Rica).
 Hosts: *Ficus* sp. twigs.
 References: (hb) Wood, S. L. 1982b: 944. (ds) Wood, S. L. 1982b: 944. (tx) Wood, S. L. 1974a: 46, 1982b: 944.
- fossifrons* Wood 1975a: 30. Holotype ♂; Lago Amatitlan, Guatemala; Wood Collection.
- Figures: Burgos & Saucedo 1983: 111.
 Distribution: North America (Guatemala/ Jalisco, Nayarit, Oaxaca in Mexico).
 Hosts: Seed pods of trees, lianas.
 References: (ec) Equihua & Atkinson 1986: 633. (hb) Atkinson et al. 1986: 68; Burgos & Saucedo 1983: 110; Equihua & Atkinson 1986: 633; Wood, S. L. 1982b: 937. (ds) Atkinson et al. 1986: 68; Burgos & Saucedo 1983: 110; Equihua & Atkinson 1986: 633; Wood, S. L. 1982b: 937. (tx) Burgos & Saucedo 1983: 111; Wood, S. L. 1975a: 30, 1982b: 937.
- foveifrons* (Schedl) 1963c: 161 (*Thamnophthorus*). Holotype ♂; Mexico: Jalisco, Guadalajara; Schedl Collection in NHMW, Wien.
 Distribution: North America (Guatemala/ Jalisco in Mexico).
 Hosts: Liana, in pith.
 Notes: Wood 1975a: 21 (to *Araptus*).
 References: (hb) Wood, S. L. 1982b: 938. (ds) Wood, S. L. 1982b: 938. (tx) Schedl 1963c: 161, 1979c: 99; Wood, S. L. 1974a: 44, 1975a: 21, 1982b: 938.
- interjectus* Wood 1974a: 44. Holotype ♂; Volcan de Agua, Guatemala; Wood Collection. Synonymy: Wood 1975a: 21.
 References: (tx) Wood, S. L. 1974a: 44, 1975a: 21.
- frenatus* (Schedl) 1939d: 411 (*Thamnophthorus*). Syntypes, sex?; Cordoba, San Javier [Argentina]; Schedl Collection in NHMW, Wien, and Bosq Collection.
 Distribution: South America (Argentina).
 Notes: (1) Schedl 1979c: 100 (citation of holotype invalid).
 References: (hb) Viana 1964: 125. (ds) Blackwelder 1947: 781; Viana 1964: 125. (tx) Schedl 1939d: 411, 1964b: 208, 1979c: 100.
- frontalis* Wood 1974a: 52. Holotype ♀; Volcan Zunil, Quezaltenango, Guatemala, 1000 m; Wood Collection.
 Distribution: North America (Guatemala).
 Hosts: Compositae shrub, in phloem, in radiate parental tunnels.
 References: (tx) Wood, S. L. 1974a: 52, 1982b: 959, 1989: 177.
- frontis* Wood 1989: 177. Holotype ♀; Brasilien, Encruzilhada, Bahia; Schedl Collection in NHMW, Wien, automatic.
 Distribution: South America (Brazil).
 References: (tx) Wood, S. L. 1989: 117.
- frontalis* Schedl 1978c: 302 (*Gnathocranus*). Holotype ♀; Brasilien, Encruzilhada, Bahia; Schedl Collection in NHMW, Wien, preoccupied by Wood 1974.
 References: (ds) Schedl 1973d: 162. (tx) Schedl 1978c: 302; Wood, S. L. 1989: 117.
- frugalis* Wood 1974a: 49. Holotype ♀; Rincon de Osa, Puntarenas, Costa Rica; Wood Collection.

- Distribution: North America (Costa Rica/Panama).
Hosts: Liana.
References: **(hb)** Wood, S. L. 1982b: 954. **(ds)** Wood, S. L. 1982b: 954. **(tx)** Wood, S. L. 1974a: 49, 1982b: 954.
- furvescens** Wood 1974a: 53. Holotype ♀; Volcan Pacaya, Esquintla, Guatemala; Wood Collection.
Distribution: North America (Guatemala).
Hosts: *Roupala* sp., in phloem.
References: **(ds)** Wood, S. L. 1982b: 961. **(tx)** Wood, S. L. 1974a: 53, 1982b: 961.
- furrus** Wood 1974a: 53. Holotype ♀; Cerro Punta (Volcan Chiriqui), Chiriqui, Panama, 1800 m; Wood Collection.
Distribution: North America (Panama).
Hosts: *Roupala* sp. in phloem, in longitudinal, biramous parental tunnels.
References: **(hb)** Wood, S. L. 1982b: 961. **(ds)** Wood, S. L. 1982b: 961. **(tx)** Wood, S. L. 1974a: 53, 1982b: 961.
- genealis** Wood 1974a: 45. Holotype ♂; Volcan de Agua, Guatemala; Wood Collection.
Distribution: North America (Guatemala).
Hosts: Liana, in pith.
References: **(hb)** Burgos & Saucedo 1983: 112; Wood, S. L. 1982b: 939. **(ds)** Burgos & Saucedo 1983: 112; Wood, S. L. 1982b: 939. **(tx)** Wood, S. L. 1974a: 45, 1982b: 939.
- gracilens** Wood 1976a: 364. Holotype ♂; 6 km N Mazatlan, Sinaloa, Mexico; CNCI, Ottawa.
Distribution: North America (Sinaloa in Mexico).
Hosts: Twig in occupied oriole nest.
References: **(ds)** Wood, S. L. 1982b: 942. **(tx)** McNamara 1984: 752; Wood, S. L. 1976a: 364, 1982b: 942.
- gracilentus** (Schedl) 1972g: 61 (*Neodryocoetes*). Holotype, sex?; Brasilien, Pedra Azul, M. Gerais; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1972g: 61, 1979c: 107.
- gracilis** (Schedl) 1966f: 106 (*Neodryocoetes*). Holotype, sex?; Argentinien, Buenos Aires, Isla Maria Garcia; Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina).
References: **(ds)** Schedl 1966f: 95, 106, 1979c: 108.
- grandis** (Schedl) 1954b: 35 (*Neodryocoetes*). Syn-types, sex?; Brasilien, Matto Grosso, Rio Caraguata; Schedl Collection in NHMW, Wien and Plaumann Collection.
Distribution: South America (Brazil).
Notes: (1) Schedl 1979c: 109 (citation of holotype invalid).
References: **(tx)** de Ruelle 1970: 104; Schedl 1954b: 35, 1959m: 550, 1963c: 161, 1979c: 109.
- granulipennis** (Schedl) 1967d: 12 (*Neodryocoetes*). Holotype ♂; Brasilien, Nova Teutonia, Santa Catarina; Schedl Collection in NHMW, Wien.
- Distribution: South America (Brazil).
References: **(ds)** Schedl 1976a: 52. **(tx)** McNamara 1977: 196; Schedl 1967d: 12, 1979c: 111.
- guadeloupanus** Wood 1989: 177. Holotype, sex?; Guadeloupe; Schedl Collection in NHMW, Wien, automatic.
Distribution: Antilles Islands (Guadeloupe).
References: **(tx)** Wood, S. L. 1989: 177.
- guadeloupensis** Schedl 1970e: 91 (*Brachyden-drus*). Holotype, sex?; Guadeloupe; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1951.
References: **(ds)** Bright 1985c: 176. **(tx)** Bright 1985c: 176; Schedl 1970e: 91, 1979c: 113–114; Wood, S. L. 1989: 117.
- hostilis** (Blackman) 1942a: 189 (*Neodryocoetes*). Holotype ♀; *Erythrina cristagalli* seeds from Paris intercepted at Washington, D.C.; USNM, Washington.
Distribution: South America?
Hosts: *Erythrina cristagalli*, in seeds.
References: **(ds)** Blackwelder 1947: 781. **(tx)** Blackman 1942a: 189.
- hymenaeae** (Eggers) 1933b: 9 (*Neodryocoetes*). Holotype ♂; Gourdonville, French Guiana; MNHN, Paris.
Figures: Blackman 1942a: fig. 14.
Distribution: Antilles Islands (Guadeloupe/ Dominican Republic in Hispanola/ Jamaica/ Santa Lucia/ St. Vincent/ Trinidad), North America (Panama), South America (Brazil/ Cayenne/ Colombia/ Guyana/ Suriname/ Venezuela).
Hosts: *Brownea* sp., *Cajanus cajan*, *Ceratonia* sp., *Cicer arietinum*, *Erythrina* sp., *Hymenaea courbaril*, in seeds.
References: **(cn)** Costa Lima 1956. **(hb)** Costa Lima 1956; Kalshoven 1963; Wood, S. L. 1982b: 936. **(ds)** Blackwelder 1947: 781; Bright 1981c: 152, 1982b: 163, 1985c: 176; Costa Lima 1956; Kalshoven 1961: 233, 1963; Nunberg 1958a: 480, 1963c: 97; Schedl 1960a: 78, 1966f: 85, 1970e: 82, 1971f: 147, 1976a: 52; Wood, S. L. 1982b: 936. **(tx)** Blackman 1942a: 179; Bright 1985c: 176; Costa Lima 1956; Eggers 1933b: 9, 1936a: 388, 390, 1938a: 177, 1940a: 127–128; Nunberg 1958a: 480; Schedl 1938a: 177, 1979c: 120; Wood, S. L. 1973c: 172, 1974b: 392, 1982b: 936, 1986a: 97.
- insularis** Eggers 1940a: 128 (*Neodryocoetes*). Holotype ♀; Guadeloupe; Fleutiaux Collection, MNHN, Paris. Synonymy: Wood 1973c: 172.
References: **(hb)** Kalshoven 1963; **(ds)** Blackwelder 1947: 781; Bright 1972d: 91; Kalshoven 1963: 235; Schedl 1973d: 155. **(tx)** Bright 1972d: 91; Eggers 1940a: 128; Schedl 1951m: 73, 1979c: 125; Wood, S. L. 1973c: 172.
- caribaeus** Blackman 1942a: 185 (*Neodryocoetes*). Holotype ♀; Trinidad, West Indies; USNM, Washington. Synonymy: Wood 1973c: 172.
References: **(cn)** Costa Lima 1956. **(hb)** Costa

- Lima 1956; Kalshoven 1963: 235. (**ds**) Blackwelder 1947: 781; Browne 1970: 541; Costa Lima 1956; Kalshoven 1963. (**tx**) Blackman 1942a: 185; Costa Lima 1956; Schedl 1964k: 221; Wood, S. L. 1973c: 172.
- guianae* Blackman 1942a: 186 (*Neodryocoetes*). Holotype ♀; British Guiana; USNM, Washington. Synonymy: Wood 1973c: 172. References: (**cn**) Mumford 1960: 33. (**ds**) Blackwelder 1947: 781; Mumford 1960: 33. (**tx**) Blackman 1942a: 186; Schedl 1963f: 57; Wood, S. L. 1973c: 172.
- hoodi* Blackman 1942a: 187 (*Neodryocoetes*). Holotype ♀; Taboga Island, Panama; USNM, Washington. Synonymy: Wood 1973c: 172. References: (**ds**) Blackwelder 1947: 781. (**tx**) Blackman 1942a: 187–188; Wood, S. L. 1973c: 172.
- humilis* Blackman 1942a: 188 (*Neodryocoetes*). Holotype ♀; Bonito, Pernambuco, Brazil; USNM, Washington. Synonymy: Wood 1975b: 392. References: (**ds**) Blackwelder 1947: 781. (**tx**) Blackman 1942a: 188; Wood, S. L. 1975b: 392.
- imitatrix* (Schedl) 1972g: 62 (*Neodryocoetes*). Holotype ♂?; Brasil, Jacareacanga, Para; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (**tx**) Schedl 1972g: 62, 1979c: 121.
- impenus* (Wood) 1961c: 6 (*Thamnophthorus*). Holotype ♂; Bogota, Colombia; Wood Collection. Distribution: South America (Colombia). Hosts: *Podocarpus raspigiliosii*, in fallen seeds. References: (**tx**) Wood, S. L. 1961c: 6.
- incommodus* (Blandford) 1904: 245 (*Pityophthorus*). Holotype ♀; Cerro Zunil, Guatemala, 1300 m; BMNH, London. Distribution: North America (Guatemala). Notes: (3) Bright 1976c: 426 (to *Araptus*). References: (**ds**) Blackwelder 1947: 782; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 363. (**tx**) Blandford 1904: 245; Bright 1976c: 426; Hagedorn 1910a: 101; Schedl 1955g: 18; Wood, S. L. 1982b: 941.
- incompositus* (Blandford) 1904: 243 (*Pityophthorus*). Holotype ♀; Coatepeque, Guatemala, 1300 feet; BMNH, London. Distribution: North America (Guatemala). Notes: (1) Bright 1976c: 426 (to *Araptus*). References: (**ds**) Blackwelder 1947: 782; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 363; Wood, S. L. 1982b: 954. (**tx**) Blandford 1904: 243; Bright 1976c: 426; Hagedorn 1910a: 101; Schedl 1955g: 18; Wood, S. L. 1982b: 954.
- laevigatus* (Eggers) 1933b: 6 (*Pityophthorus*). Holotype ♀; St. Laurent du Maroni, French Guiana; MNHN, Paris. Distribution: Antilles Islands (Guadeloupe), North America (Costa Rica/ Panama), South America (Brazil/ Cayenne/ Colombia/ Suriname). Hosts: *Brownea* sp., *Cynometra hemitomophylla*, *Daphnopsis scibertii*, *Entada gigas*, *Euterpe oleracea*, in seeds. Notes: (3) Wood 1973c: 173 (to *Araptus*). This species apparently reproduces by arrhenotocous parthenogenesis; flightless males are dwarfed. References: (**hb**) Wood, S. L. 1982b: 944. (**ds**) Blackwelder 1947: 781; Bright 1985c: 176; Schedl 1963f: 56; Wood, S. L. 1982b: 944. (**tx**) Bright 1985c: 176; Eggers 1933b: 6; Schedl 1938a: 180, 1963f: 56, 1979c: 135; Wood, S. L. 1973c: 173, 1982b: 944. *insularis* Eggers 1940a: 130 (*Neopityophthorus*). Holotype ♀; Trois Rivières, Guadeloupe; Eggers Collection, in NHMW, Wien, preoccupied by Eggers 1940a: 128. Synonymy: Wood 1973c: 173. References: (**tx**) Blackman 1942a: 195; Eggers 1936a: 390, 1940a: 130; Schedl 1938a: 180, 1951m: 73, 1979c: 125; Wood, S. L. 1973c: 173.
- guadeloupensis* Schedl 1951m: 73 (*Neodryocoetes*). Holotype ♀; Trois Rivières, Guadeloupe; Eggers Collection, in NHMW, Wien, automatic. Synonymy: Wood 1973c: 173. References: (**tx**) Schedl 1951m: 73, 109; Wood, S. L. 1973c: 173.
- laevis* (Schedl) 1938a: 181 (*Neopityophthorus*). Syntypes, sex?; Guadeloupe; Eggers Collection (in USNM, Washington?) and 2 ♀ in Schedl Collection in NHMW, Wien. Distribution: Antilles Islands (Guadeloupe). Notes: (1) Schedl 1979c: 135 (citation of holotype invalid). References: (**ds**) Blackwelder 1947: 781; Bright 1985c: 176. (**tx**) Bright 1985c: 176; Eggers 1940a: 108; Schedl 1938a: 181, 1979c: 135.
- laudatus* Wood 1974a: 49. Holotype ♀; San Isidro del General, San Jose, Costa Rica; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree branch, in phloem. References: (**hb**) Wood, S. L. 1982b: 955. (**ds**) Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 955. (**tx**) Wood, S. L. 1974a: 54, 1982b: 955.
- lepidus* Wood 1974a: 54. Holotype ♀; Volcan, Puntarenas, Costa Rica, 1000 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree branch, in phloem. References: (**hb**) Wood, S. L. 1982b: 962. (**ds**) Wood, S. L. 1982b: 962. (**tx**) Wood, S. L. 1974a: 54, 1982b: 962.
- leptus* (Bright) 1972c: 1666 (*Neodryocoetes*). Holotype ♀; Ejipantla, 8 km S San Andres Tuxtla, Veracruz, Mexico; CNCI, Ottawa. Distribution: North America (Veracruz in Mexico). References: (**ec**) Equihua & Atkinson 1986: 633. (**hb**) Equihua & Atkinson 1986: 633. (**ds**) Equihua & Atkinson 1986: 633; Wood, S. L.

- 1982b: 950. **(tx)** Bright 1972c: 1666; McNamara 1977: 196; Wood, S. L. 1982b: 950.
- limax (Schedl)** 1939j: 566 (*Sphenoceros*). Syntypes ♀; Brasilien, Sta. Catarina; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
Notes: (3) Schedl 1950i: 164 (cites *Hypertensus reitteri* Hagedorn, nomen nudum, synonymy).
References: **(ds)** Blackwelder 1947: 784; Schedl 1966f: 91. **(tx)** Schedl 1939j: 566–567, 1950i: 164, 1979c: 139.
- linearis (Schedl)** 1938a: 174 (*Thamnophthorus*). Holotype, sex?; Bolivien, Cochabamba; Eggers Collection, in NHMW, Wien.
Distribution: South America (Bolivia).
References: **(ds)** Blackwelder 1947: 781. **(tx)** Anderson, W. H. & Anderson 1971: 17; Schedl 1938a: 169, 174, 1961i: 226, 1979c: 139.
- macer (Bright)** 1972c: 1666 (*Neodryocoetes*). Holotype ♀; Ejipantla, 8 km S San Andres Tuxtla, Veracruz, Mexico; CNCI, Ottawa.
Figures: Bright 1972c: 1669.
Distribution: North America (Honduras/ Veracruz in Mexico).
Hosts: Shrub, in phloem.
References: **(ds)** Wood, S. L. 1982b: 960. **(tx)** Bright 1972c: 1666, 1669; McNamara 1977: 197; Wood, S. L. 1973c: 173, 1982b: 960.
- tuberculatus** Bright 1972c: 1665 (*Neodryocoetes*). Holotype ♀; Lago Catemaco, Veracruz, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 173.
References: **(tx)** Bright 1972c: 1665, 1669; McNamara 1977: 197; Wood, S. L. 1973c: 173.
- medialis Wood** 1974a: 48. Holotype ♀; San Isidro del General, San Jose, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree branch, in phloem.
References: **(hb)** Wood, S. L. 1982b: 953. **(ds)** Wood, S. L. 1982b: 953. **(tx)** Wood, S. L. 1974a: 48, 1982b: 953.
- mendicus Wood** 1974a: 54. Holotype ♀; Cartago, Cartago, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Persea americana*.
References: **(ds)** Wood, S. L. 1982b: 953. **(tx)** Wood, S. L. 1974a: 54, 1982b: 953.
- micaceus Wood** 1975b: 395. Holotype ♂; Los Corchos, Nayarit, Mexico; Wood Collection.
Distribution: North America (Nayarit in Mexico).
Hosts: Liana.
References: **(ds)** Wood, S. L. 1982b: 947. **(tx)** Wood, S. L. 1975b: 395, 1982b: 947.
- micropilosus Wood** 1982a: 224. Holotype ♀; Rancho Tepetates, Km 35 on Veracruz-Xalapa highway, Veracruz, Mexico; Wood Collection.
Distribution: North America (Veracruz in Mexico).
References: **(tx)** Wood, S. L. 1982a: 224.
- minutissimus (Schedl)** 1954b: 35 (*Brachyden-driulus*). Syntypes, sex?; Brasilien, Panama, Rondon, 500 m; Schedl Collection in NHMW, Wien, and Plaumann Collection.
Distribution: South America (Brazil).
Notes: (1) Schedl 1979c: 155 (citation of holotype invalid).
References: **(ds)** Schedl 1966f: 85. **(tx)** de Ruette 1970: 98; Schedl 1954b: 35, 1979c: 155.
- montanus (Bright)** 1972d: 93 (*Neodryocoetes*). Holotype, sex?; Hardwar Gap, 4000', St. Andrew Parish, Jamaica; CNCI, Ottawa.
Figures: Bright 1972d: 59, 75.
Distribution: Antilles Islands (Jamaica).
References: **(ds)** Bright 1985c: 176. **(tx)** Bright 1972d: 59, 75, 93, 1985c: 176; McNamara 1977: 197.
- morigerus Wood** 1982a: 224. Holotype ♀; Cerro Punta (labeled Volcan Chiriqui), 5500 ft., Panama; Wood Collection.
Distribution: North America (Panama).
Hosts: Tree branch, in phloem.
References: **(tx)** Wood, S. L. 1982a: 224.
- mucunae (Blackman)** 1942a: 181 (*Neodryocoetes*). Holotype ♀; Perene River, Peru; USNM, Washington.
Distribution: South America (Peru).
Hosts: *Mucuna* sp., in seeds.
References: **(ds)** Blackwelder 1947: 781. **(tx)** Blackman 1942a: 181–182.
- nanulus Wood** 1974a: 54. Holotype ♀; Tampico, Tamaulipas, Mexico; Wood Collection.
Distribution: North America (Tamaulipas in Mexico).
Hosts: *Disholcopsis* gall on *Quercus virginiana*.
References: **(ds)** Wood, S. L. 1982b: 948. **(tx)** Wood, S. L. 1974a: 54, 1982b: 948.
- niger (Bright)** 1972d: 93 (*Neodryocoetes*). Holotype, sex?; Hardwar Gap, 4000', St. Andrew Parish, Jamaica; CNCI, Ottawa.
Figures: Bright 1972d: 75.
Distribution: Antilles Islands (Dominican Republic in Hispanola/ Jamaica).
References: **(ds)** Bright 1981c: 152, 1985c: 176. **(tx)** Bright 1972d: 75, 93, 1985c: 176; McNamara 1977: 197.
- nigrellus Wood** 1974a: 52. Holotype ♀; 10 km SE Cartago, Cartago, Costa Rica, 1800 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Myrica pubescens*, in phloem, in radiate parental tunnels.
References: **(hb)** Wood, S. L. 1982b: 960. **(ds)** Wood, S. L. 1982b: 960. **(tx)** McNamara 1984: 197; Wood, S. L. 1974a: 52, 1982b: 960.

nitidipennis (Schedl) 1963f: 57 (*Neodryocoetes*).

Holotype, sex?; Suriname, Maripaheuvel, Oe. v. Dam; Schedl Collection in NHMW, Wien.

Distribution: South America (Suriname).

References: (ds) Schedl 1963f: 57, 1973d: 155, 1979c: 169.

nitidulus (Schedl) 1967d: 11 (*Neodryocoetes*).

Holotype, sex?; Brasiliens, Parana, Caioba, 10 m, 25 50, 48 40; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Schedl 1970e: 82. (tx) McNamara 1977: 197; Schedl 1967d: 11, 1979c: 169.

novateutonicus (Schedl) 1951m: 116 (*Gnathocramus*).

Syntypes ♀: Brasilien, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien and Plaumann Collection.

Distribution: South America (Brazil).

Notes: (1) Schedl 1979c: 172 (citation of holotype invalid).

References: (ds) Schedl 1976a: 53, 1978c: 291; Schonherr & Pedrosa-Macedo 1981: 53. (tx) Schedl 1951h: 284, 1951m: 116, 1979c: 172.

nudus (Schedl) 1938a: 176 (*Thamnophthorus*).

Holotype, sex?; Brasilien, Sao Paulo; Eggers Collection, in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 781; Schedl 1973d: 155. (tx) Schedl 1938a: 176, 1964b: 207, 1979c: 173.

obesus Wood 1977b: 212. Holotype ♀?; 18 km NE

Oriximina, Brazil; CNCI, Ottawa.

Distribution: South America (Brazil).

References: (tx) Wood, S. L. 1977b: 212.

obscurus (Eggers) 1936a: 390 (*Neodryocoetes*).

Holotype, sex?; Brasilien, Sta. Catharina, Blumenau; USNM, Washington [2 cotypes in Eggers Collection, in NHMW, Wien (Schedl 1979c: 175)].

Distribution: South America (Brazil/ Paraguay).

References: (ds) Blackwelder 1947: 781; Schedl 1973a: 367. (tx) Anderson, W. H. & Anderson 1971: 24; Eggers 1936a: 390; Schedl 1938a: 177, 1962p: 206, 1979c: 175.

obsoletus (Blandford) 1904: 242 (*Pityophthorus*).

Holotype ♀; Las Mercedes, Guatemala; BMNH, London.

Distribution: North America (Guatemala/ Jalisco in Mexico).

Hosts: Liana, *Ficus* sp., in phloem.

Notes: (3) Bright 1977: 512 (to *Araptus*).

References: (hb) Wood, S. L. 1982b: 946. (ds) Blackwelder 1947: 781; Hagedorn 1910d: 73; Kleine 1913b: 140, 1914b: 363; Wood, S. L. 1982b: 946. (tx) Blackman 1928b: 148; Blandford 1904: 242; Bright 1977: 512; Hagedorn 1910a: 101; Schedl 1938a: 177, 1955g: 18; Wood, S. L. 1982b: 946.

oleanderi (Schedl) 1961b: 187 (*Neodryocoetes*).

Holotype ♂; Turkei bei Gilindire; Schedl Collection in NHMW, Wien.

Distribution: Europe (Turkey, obviously introduced, probably from South America).

Hosts: *Nerium oleander*.

References: (tx) Schedl 1961b: 187, 1979c: 178.

pallidus (Blackman) 1942a: 193 (*Neodryocoetes*).

Holotype ♀; Cayamas, Cuba; USNM, Washington.

Distribution: Antilles Islands (Cuba/ Dominican Republic in Hispanola/ Puerto Rico), South America (Brazil).

Hosts: *Callophyllum brasiliensis* var. *antellatum*.

References: (ds) Blackwelder 1947: 781; Bright 1981c: 152, 1985c: 176. (tx) Blackman 1942a: 193; Bright 1985c: 176; Wood, S. L. 1977b: 208.

portoricensis Schedl 1951m: 109 (*Neodryocoetes*). Holotype, sex?; Portorico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1977b: 208.

References: (ds) Bright 1985c: 174. (tx) Bright 1985c: 174; Schedl 1951m: 109, 1964m: 311, 1979c: 198; Wood, S. L. 1977b: 208.

devius Schedl 1972g: 61 (*Neodryocoetes*). Holotype, sex?; Cuba, Valle Ancon, Pinar del Rio Prov.; Schedl Collection in NHMW, Wien. Synonymy: Wood 1977b: 208.

References: (tx) Schedl 1972g: 61, 1979c: 79; Wood, S. L. 1977b: 208.

paranae (Schedl) 1954b: 34 (*Brachydendrulus*).

Syntypes ♂ ♀; Brasilien, Parana, Rondon, 500 m; Schedl Collection in NHMW, Wien, and Plaumann Collection.

Distribution: South America (Brazil).

Notes: (1) Schedl 1979c: 185 (citation of holotype invalid).

References: (tx) de Ruetten 1970: 98; Schedl 1954b: 34, 1979c: 185.

placetulus Wood 1982a: 225. Holotype ♀;

Uruapan, Michoacan, Mexico, 1600 m; Wood Collection.

Distribution: North America (Michoacan in Mexico).

Hosts: *Persea americana*.

References: (ds) Atkinson & Equihua 1985c: 358; Wood, S. L. 1982a: 225.

plaumanni (Schedl) 1976a: 70 (*Brachydendrulus*).

Holotype, sex?; Nova Teutonia, Brasilien; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1976a: 70.

politus (Blandford) 1904: 244 (*Pityophthorus*).

Lectotype ♂; Mexico; BMNH, London, designated by Bright 1976b: 184.

Figures: Blackman 1942a: figs. 3–4.

Distribution: Antilles Islands (Cuba/ Haiti in Hispanola/ Jamaica), North America (Costa Rica/ Veracruz in Mexico/ Florida in USA).

Hosts: *Cola* sp., *Mucuna andreana*, *M. fauvecetti*, in seeds.

Notes: (1) Wood 1973c: 173 (to *Araptus*). 1982b: 940 (lectotype designation invalid).

References: (hb) Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 940. (ds) Atkinson & Equihua 1986a: 422; Blackwelder 1947: 781; Bright 1985c: 176; Ferrer 1942; Hagedorn 1910d: 73; Kleine 1913b: 140, 1914b: 351; Schedl 1963c: 157; Wood, S. L. 1977a: 69, 1982b: 940. (tx) Blandford 1904: 244; Bright 1976b: 184, 1985c: 176; Hagedorn 1910a: 101; Schedl 1938a: 177, 1940a: 346, 348; Wood, S. L. 1973c: 173, 1982b: 940.

mexicanus Eggers 1936a: 391 (*Neodryocoetes*). Holotype, sex?; Colonia [Veracruz?], Mexico; Eggers Collection, in NHMW, Wien. Synonymy: Schedl 1938a: 177.

References: (tx) Eggers 1936a: 391; Schedl 1938a: 177, 1940a: 346, 1979c: 152.

hubbardi Blackman 1942a: 182 (*Neodryocoetes*). Holotype ♀; Kingston, Jamaica; USNM, Washington. Synonymy: Wood 1973c: 173.

References: (cn) Judd 1970; Mumford 1961: 28. (ds) Blackwelder 1947: 781; Bright 1972d: 94; Judd 1970; Mumford 1961: 28; Straby 1975: 8. (tx) Blackman 1942a: 182–183; Bright 1972d: 94; Wood, S. L. 1973c: 173.

poricollis (Blandford) 1904: 238 (*Pityophthorus*). Holotype ♂; Cerro Zunil, Quezaltenango, Guatemala; BMNH, London.

Distribution: North America (Guatemala).

Notes: (1) Bright 1977: 512 (to *Araptus*).

References: (ds) Blackwelder 1947: 781; Hagedorn 1910d: 73; Kleine 1913b: 140, 1914b: 363; Wood, S. L. 1982b: 958. (tx) Blandford 1904: 238; Bright 1977: 512; Hagedorn 1910a: 101; Schedl 1938a: 180, 1955g: 18; Wood, S. L. 1982b: 958.

pubescens (Schedl) 1951h: 291 (*Neodryocoetes*). Syntypes, sex?; Argentinien, Cordoba, Punilla Dep., Valle Hermoso; Schedl Collection in NHMW, Wien, and Viana Collection.

Distribution: South America (Argentina).

Notes: (1) Schedl 1979: 203 (citation of holotype invalid).

References: (hb) Viana 1964: 125. (ds) Viana 1964: 125. (tx) Schedl 1951h: 291–292, 1979c: 203.

punctatissimus (Schedl) 1938a: 179 (*Neodryocoetes*). Holotype ♂; Bolivien, Cochabamba; Eggers Collection, in NHMW, Wien.

Distribution: South America (Bolivia).

References: (ds) Blackwelder 1947: 781; Schedl 1966f: 86. (tx) Schedl 1938a: 179, 1939m: 169, 1951h: 284–285, 1958f: 35, 1979c: 204.

refertus Wood 1974a: 51. Holotype ♀; Volcan Zunil, Quezaltenango, Guatemala; Wood Collection.

Distribution: North America (Guatemala).

Hosts: Shrub phloem, in radiate parental tunnels.

References: (hb) Wood, S. L. 1982b: 957. (ds)

Wood, S. L. 1982b: 957. (tx) Wood, S. L. 1974a: 51, 1982b: 957.

robustus (Schedl) 1964b: 207 (*Thamnophthorus*). Holotype, sex?; Belem, Para; Servico de Defesa Sanitaria Vegetal, Rio de Janeiro.

Distribution: South America (Brazil).

References: (tx) Schedl 1964b: 207, 1979c: 213.

*rufopalliatu*s Eichhoff 1872a: 136. Holotype ♀; Nova Granada [now Colombia]; IRSNB, Brussels. Distribution: South America (Colombia/Venezuela). Hosts: *Nectandra* sp., in phloem, in transverse, biramous, parental tunnels.

References: (ds) Blackwelder 1947: 788; Gemminger & Harold 1872: 2687; Hagedorn 1910d: 77; Kleine 1913b: 145, 1914b: 342. (tx) Eichhoff 1872a: 136, 1878b: 305; Hagedorn 1910a: 111; Hopkins 1914: 117.

schedli (Blackman) 1942a: 195 (*Neodryocoetes*). Holotype ♂; Tampico, Mexico; USNM, Washington. Distribution: North America (Tamaulipas, Veracruz in Mexico).

Hosts: Seeds.

References: (ds) Blackwelder 1947: 781; Wood, S. L. 1982b: 946. (tx) Blackman 1942a: 195; Wood, S. L. 1975b: 392, 1982b: 946.

lenis Blackman 1942a: 198 (*Neodryocoetes*).

Holotype ♂; Cordoba, Veracruz, Mexico; USNM, Washington. Synonymy: Wood 1975b: 392.

References: (ds) Blackwelder 1947: 781. (tx) Blackman 1942a: 198; Wood, S. L. 1975b: 392.

schwarzi (Blackman) 1942a: 178 (*Thamnophthorus*). Holotype ♀; Boquete, Panama; USNM, Washington.

Distribution: North America (Costa Rica/Hidalgo, Quintana Roo in Mexico), South America (Ecuador).

Hosts: *Annona cherimola*, *Persea americana*, *P. pittieri*, in seeds.

References: (hb) Atkinson & Equihua 1985a: 88; Blackwelder 1947: 781; Wood, S. L. 1982b: 952. (ds) Atkinson & Equihua 1985a: 88, 1985c: 358, 1988: 85; Wood, S. L. 1982b: 952. (tx) Blackman 1942a: 178; Wood, S. L. 1982b: 952.

sobrinus Wood 1974d: 287. Holotype ♀; Siquatepec, Honduras; Wood Collection.

Distribution: North America (Honduras).

Hosts: *Pinus oocarpa* rust cones.

References: (ds) Wood, S. L. 1982b: 952. (tx)

Wood, S. L. 1974d: 287, 1982b: 952.

sparsepunctatus (Schedl) 1938i: 26 (*Neodryocoetes*). Syntypes, sex?; Argentinien, Prov. Buenos Aires, Tigre; 2 ♂, 7 ♀ in Schedl Collection in NHMW, Wien, and others in Viana Collection.

Distribution: South America (Argentina).

Hosts: *Acacia negra*.

Notes: (1) Schedl 1979c: 233 (citation of holotype invalid).

- References: **(hb)** Viana 1964: 125. **(ds)** Blackwelder 1947: 781; Viana 1964: 125. **(tx)** Schedl 1938i: 26, 1939m: 169, 1951h: 284, 1952a: 446, 1958f: 35, 1979c: 233.
- speciosus** Wood 1980b: 357. Holotype ♀; 8 km S La Huerta, Jalisco, Mexico, 500 m; Wood Collection. Distribution: North America (Jalisco in Mexico). Hosts: *Ficus* sp. twigs, in pith. Reference: **(hb)** Atkinson & Equihua 1985c: 359; Wood, S. L. 1982b: 943. **(ds)** Atkinson & Equihua 1985c: 358; Atkinson et al. 1986: 68; Wood, S. L. 1982b: 943. **(tx)** Wood, S. L. 1980b: 357, 1982b: 943.
- splendidulus** (Schedl) 1966f: 107 (*Neodryocoetes*). Holotype ♀?; Brasilien, Corumba, Matto Grosso; Eggers Collection, in NHMW, Wien. Distribution: South America (Brazil). References: **(ds)** Schedl 1966f: 86. **(tx)** Schedl 1966f: 107, 1979c: 235.
- sulcatus** (Nunberg) 1964b: 435 (*Neodryocoetes*). Holotype, sex?; Argentina, Salta Prov., Urundel; NHMB, Budapest, preoccupied by Schedl 1959. Figures: Nunberg 1964b: 436. Distribution: South America (Argentina). Notes: (1) Although technically this is a secondary homonym, a new name was not given because of the high probability that synonymy exists. References: **(tx)** Nunberg 1964b: 435–436.
- tabogae** (Blackman) 1942a: 184 (*Neodryocoetes*). Holotype ♀; Taboga Island, Panama; USNM, Washington. Distribution: North America (Costa Rica/ Honduras/ Veracruz in Mexico/ Panama). Hosts: Liana, in pith. References: **(ec)** Equihua & Atkinson 1986: 633. **(hb)** Equihua & Atkinson 1986: 633; Wood, S. L. 1982b: 940. **(ds)** Blackwelder 1947: 781; Equihua & Atkinson 1986: 633; Estrada & Atkinson 1988: 211; Wood, S. L. 1982b: 940. **(tx)** Blackman 1942a: 184; Wood, S. L. 1973c: 174, 1982b: 940.
- vinealis** Bright 1972c: 1667 (*Neodryocoetes*). Holotype ♀; Ejipantla, 8 km S San Andres Tuxtla, Veracruz, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 174. References: **(tx)** Bright 1972c: 1667; McNamara 1977: 197; Wood, S. L. 1973c: 174.
- tenellus** (Schedl) 1951m: 109 (*Neodryocoetes*). Holotype ♂; [Chiapas], Mexico; Schedl Collection in NHMW, Wien. Distribution: North America (Campeche, Chiapas, Nayarit in Mexico). Hosts: Tree branch phloem. Notes: (1) Wood 1982b: 945 (to *Araptus*). References: **(hb)** Wood, S. L. 1982b: 945. **(ds)** Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 945. **(tx)** Schedl 1951m: 109, 1979c: 251; Wood, S. L. 1975b: 392, 1982b: 945.
- mexicanus** Schedl 1963c: 162 (*Ctenyophthorus*). Holotype ♀; Mexico: Trampaluz, Escarcaga, Campeche; Schedl Collection in NHMW, Wien, preoccupied by Eggers 1936a: 391. Synonymy: Wood 1975b: 392. References: **(tx)** Schedl 1963c: 162, 1964m: 311, 1979c: 152; Wood, S. L. 1975b: 392.
- granulatus** Schedl 1964m: 311 (*Neodryocoetes*). Holotype ♀; Trampaluz, Escarcaga, Campeche, Mexico; Schedl Collection in NHMW, Wien, automatic. Synonymy: Wood 1975b: 392. Notes: (1) Wood 1975b: 392 (to *Araptus*). References: **(tx)** Schedl 1964m: 311; Wood, S. L. 1975b: 392.
- cuspidis** Wood 1974a: 46. Holotype ♀; 8 km E San Blas, Nayarit, Mexico; Wood Collection. Synonymy: Wood 1975b: 392. References: **(tx)** Wood, S. L. 1974a: 46, 1975b: 392.
- tenuis** (Blackman) 1942a: 197 (*Neodryocoetes*). Holotype ♀; Tampico, Mexico; USNM, Washington. Distribution: North America (Honduras/ Veracruz in Mexico). Hosts: Lianas, in pith. References: **(hb)** Wood, S. L. 1982b: 949. **(ds)** Blackwelder 1947: 781; Wood, S. L. 1982b: 949; **(tx)** Blackman 1942a: 197; Wood, S. L. 1982b: 949.
- placatus** Wood 1974a: 46. Holotype ♂; 5 km W Jaltipan, Veracruz, Mexico; Wood Collection. Synonymy: Wood 1982b: 949. References: **(tx)** Wood, S. L. 1974a: 46, 1982b: 949.
- teres** (Blackman) 1942a: 190 (*Neodryocoetes*). Holotype ♀; Paraiso, Canal Zone, Panama; USNM, Washington. Distribution: North America (Panama). References: **(ds)** Blackwelder 1947: 781; Wood, S. L. 1982b: 949. **(tx)** Blackman 1942a: 190; Wood, S. L. 1982b: 949.
- trepidus** Wood 1974a: 51. Holotype ♀; Volcan de Agua, Esquintla, Guatemala, 1000 m; Wood Collection. Distribution: North America (Guatemala). Hosts: *Menispermata* sp., in stem. References: **(hb)** Atkinson & Equihua 1985c: 358; Wood, S. L. 1982b: 958. **(ds)** Atkinson & Equihua 1985c: 358; Wood, S. L. 1982b: 958. **(tx)** Wood, S. L. 1974a: 51, 1982b: 958.
- umbraticus** (Schedl) 1966f: 108 (*Neodryocoetes*). Holotype ♂; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). Notes: (3) Schedl 1967d: 11 (described female). References: **(ds)** Schedl 1966f: 86, 1967d: 2. **(tx)** Schedl 1966f: 108, 1967d: 11, 1979c: 259.
- vesculus** Wood 1974a: 50. Holotype ♀; Guapiles, Limon, Costa Rica, 100 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Liana, in phloem. References: **(hb)** Wood, S. L. 1982b: 957. **(ds)**

Wood, S. L. 1982b: 957. (**tx**) Wood, S. L. 1974a: 50, 1982b: 957.

vinnulus Wood 1974a: 53. Holotype ♀; San Ignacio de Acosta, San Jose, Costa Rica; Wood Collection. Distribution: North America (Costa Rica).

Hosts: *Roupala complicata*, in phloem, in radiate parental tunnels.

References: (**hb**) Wood, S. L. 1982b: 961. (**ds**) Wood, S. L. 1982b: 961. (**tx**) Wood, S. L. 1974a: 53, 1982b: 961.

volastos (Schedl) 1938a: 175 (*Thamnophthorus*). Holotype, sex?; Bolivien, Cochabamba; USNM, Washington.

Distribution: South America (Bolivia).

References: (**tx**) Anderson, W. H. & Anderson 1971: 36; Blackman 1942a: 178; Schedl 1938a: 165, 169, 175, 1979c: 268; Wood, S. L. 1961c: 6.

xylotrupes (Eichhoff) 1872a: 135 (*Pityophthorus*). Syntypes, sex?; Bahia, Brazil; IRSNB, Brussels.

Distribution: South America (Argentina/ Brazil).

References: (**cn**) Costa Lima 1956. (**hb**) Costa Lima 1956. (**ds**) Blackwelder 1947: 781; Bruch 1914a; Costa Lima 1936, 1956; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 75; Kleine 1913b: 141. (**tx**) Costa Lima 1956; Eggers 1936a: 390; Eichhoff 1872a: 135, 1878b: 194; Hagedorn 1910a: 101.

Genus *Conophthorus* Hopkins

CONOPHTHORUS HOPKINS 1915a: 430. Type-species: *Pityophthorus coniperda* Schwarz, original designation.

Keys: Hopkins 1915a: 430, Wood 1982b: 982.

Notes: (3) All species of *Conophthorus* breed in cones of *Pinus* spp. in North America; a few species may also breed in twigs when cones are unavailable.

References: (**ay**) Nobuchi 1969a: 66. (**cn**) Shenefelt & Benjamin 1955: 68–69. (**ec**) McCain, Koehler, & Tjosvold 1987. (**hb**) Flores & Bright 1987: 181; Herdy 1959: 1–2; Herdy & Thomas 1961: 936; Lyons 1956: 600; Ruckes 1963: 43–50; Schwerdtfeger 1957: 494–508; Thomas & Herdy 1961: 406–408; Wood, S. L. 1986a: 97. (**ds**) Wood, S. L. 1986a: 97. (**tx**) Blackman 1928b: 6–16, 1942a: 178–179; Bright 1976d: 169–173; Bright & Stark 1973: 97; Chamberlin 1939: 332–337, 1958; Cibrian-Tovar et al. 1986: 38; Dodge 1938: 18; Hopkins 1915a: 430–433; Keen 1958: 47; Sawamoto 1942: 166; Schedl 1935h: 343, 1938a: 158, 163, 165, 167, 1955g: 4; Swaine 1918a: 46, 92; Thomas 1957: 4, 26; Wood, S. L. 1982b: 982–992, 1986a: 97. (**ms**) Austara 1979.

apachecae Hopkins 1915a: 432. Holotype ♂; Chiricahua Mountains, Arizona [USA]; USNM, Washington.

Distribution: North America (Arizona in USA).

Hosts: *Pinus engelmannii*.

References: (**cn**) Cibrian-Tovar et al. 1986: 40;

Doane et al. 1936; Keen 1938: 16, 1958a: 47–48, 159–164. (**ec**) Keen 1938: 16, 1958a: 47–48, 159–164. (**hb**) Chamberlin 1939: 335; Doane et al. 1936; Keen 1938: 16, 1958a: 48. (**ds**) Chamberlin 1939: 335; Cibrian-Tovar et al. 1986: 40; Furniss, R. L. & Carolin 1977: 377; Keen 1929: 30, 1938: 16, 1958a: 47–48, 159–164; Kleine 1934a: 162; Leng 1920: 340; Wood, S. L. 1982b: 989. (**tx**) Chamberlin 1939: 335; Hopkins 1915a: 432; Keen 1929: 30; Wood, S. L. 1982b: 989.

conicolens Wood 1977b: 212. Holotype ♀; 13 km W Texmelucan, Puebla, Mexico; Wood Collection.

Figures: Atkinson et al. 1986: 33.

Distribution: North America (Hidalgo, Mexico, Puebla in Mexico).

Hosts: *Pinus leiophylla*.

References: (**cn**) Cibrian-Tovar et al. 1986: 41. (**hb**) Atkinson et al. 1986: 35; Cibrian-Tovar et al. 1986: 41. (**ds**) Atkinson & Equihua 1985a: 90, 1985c: 359, 1988: 86; Atkinson et al. 1986: 35; Cibrian-Tovar et al. 1986: 41; Wood, S. L. 1977b: 212, 1982b: 988. (**tx**) Atkinson et al. 1986: 33; Muskus, A. 1984: 97; Wood, S. L. 1977b: 212, 1982b: 988.

coniperda (Schwarz) 1895a: 144 (*Pityophthorus*). Lectotype ♂; Marquette, Michigan [USA]; USNM, Washington, designated by Wood 1977c: 384.

Distribution: North America (Nova Scotia, Ontario, Quebec in Canada/ Maine, Maryland, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, North Carolina, Pennsylvania, Virginia, West Virginia, Wisconsin in USA).

Hosts: *Pinus strobus*, accidental or non-persistent in other *Pinus* spp.

References: (**ay**) Godwin & Odell 1965: 213; Golden & Norris 1964b: 747; Hardy 1959; Henson 1961a, 1962; Thomas, J. B. 1967. (**bv**) Godwin & Odell 1965; Henson 1960a, 1961b, 1966b; Morgan, F. D. & Mailu 1976. (**cn**) Anonymous 1956f: 108, 1961h, 1961s, 1962h, 1963y, 1965b, 1965m, 1967f, 1977v: 44; Baker, W. L. 1972: 256; Barber et al. 1979; Beal et al. 1952; Bean 1966: 43; Blackman 1950; Borden 1967: 1187; Britton 1933: 393; Brown 1958: 47, 1959: 20–22; Browne 1968b: 185; Buchanan 1964, 1965: 35; DeBarr, Barber, & Maxwell 1982; Doane et al. 1936; Drooz 1985: 365; Ebel et al. 1976: 24; Ehlers, Hoffer, & Jarrett 1978; Felt 1906: 751; Felt & Rankin 1932: 378, 449; Fogal 1979: 10; Gerhold et al. 1966; Godwin & Odell 1965; Graber 1964: 499–500; de Groot 1985; Hall, K. C., Biggs, & MacLeod 1975: 3; Hensen 1966a; Hitchings 1908: 4; Hoekstra, Merkel, & Powers 1961; Hofacker & Loomis 1982: 26, 1983: 28; Hofacker, Loomis, & Tucker 1984: 45, 1987; Hofacker et al. 1989; Johannsen 1910: 40; Kondo & Moody 1987: 80; Lentz 1929: 424–425; Lindquist, O. H. & Syme 1981: 31; Loomis, Hofacker, &

- Tucker 1986; Lyons 1956: 600; MacLeod & Lawrence 1972: 4; Magasi 1987: 63, 1988: 103; Marquis 1959: 31–41; Martineau 1985: 76; Merkel 1976: 364; Moody 1988: 69; Mook et al. 1959: 36; Morgan, F. D. & Mailu 1976; Odell & Goodwin 1964: 1–7; Pierson 1927: 109–110; Rogers, T. J. 1978c: 25; Santamour 1965: 1–8; Sterner & Davidson 1981: 32; Swaine 1918a: 92; Syme & Nystrom 1988: 33; Wilson, L. F. 1977: 81. **(cc)** Anonymous 1956f: 108, 1965: 9; Felt 1906: 751; Gerhold et al. 1966; Godwin & Odell 1965: 213; Henson 1960a, 1961b, 1962: 524, 1964: 77; Marsh 1966b: 541–549, 1979: 157; Matthews 1970; Muesebeck 1942: 94, 1950: 130; Odera 1971; Santamour 1965. **(hb)** Baker, W. L. 1972: 256; Blackman 1950; Bright 1976d: 170; Browne 1968b: 185; Chamberlin 1939: 335; Chittenden 1899a; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Drooz 1985: 365; Durfee 1958; Durfee et al. 1959: 32–33; Ebel et al. 1972: 24; Felt 1906: 751; Felt & Rankin 1932: 378, 449; Fogal 1979: 9; Godwin & Odell 1965: 213; Harrington 1902a: 116, 1902b; Henson 1960a, 1961b, 1962; Lyons 1956: 600; Martineau 1985: 76; Miller 1978: 698; Morgan, F. D. & Mailu 1976; Odell & Goodwin 1964; Pierson 1927: 109–110; Schwarz 1895a: 144; Swaine 1918a: 92; Thomas & Lindquist 1956: 2; Wilson, L. F. 1977: 81. **(ds)** Allison 1977, 1978; Anderson, R. L. & Barry 1980: 44; Anonymous 1926c: 518, 1963y, 1965b, 1967f, 1977v; Beaulne 1956; Blackman 1950; Blatchley & Leng 1916: 634; Bright 1976d: 170; Browne 1968b: 185; Chamberlin 1925: 1, 30, 1939: 335; Chittenden 1899a; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66; Dodge 1938: 14, 41; Drooz 1985: 365; Felt & Rankin 1932: 378, 449; Godwin & Odell 1965: 213–219; Hagedorn 1910d: 70; Kleine 1913b: 140, 1934a: 162; Knull 1932: 66; Leonard 1928: 518; Lindquist, O. H. & Syme 1981: 31; Morgan, A. V. & Morgan 1979, 1980; Proctor 1946: 207; Swaine 1909: 134; Syme & Nystrom 1988: 33; Thomas, J. B. 1957: 4; Wood, S. L. 1982b: 987. **(tx)** Benoit 1985: 76; Blackman 1928b: 148; Blatchley & Leng 1916: 634; Chamberlin 1939: 335; Dodge 1938: 14, 41; Ebel et al. 1976: 24; Godwin & Odell 1965; Hagedorn 1910a: 100; Hopkins 1915a: 430–432; Lindquist, O. H. & Syme 1981: 31; Schedl 1938a: 158, 164; Schwarz 1895a: 144; Swaine 1909: 134, 1918a: 92–93; Syme & Nystrom 1988: 33; Thomas, J. B. 1957: 4, 17–26, 1967; Titus, Meikle, & Harrison 1985: 49; Wood, S. L. 1977c: 384, 1982b: 987. **(ms)** Eckstein 1900c; Hoekstra, Merkel, & Powers 1961; Marquis 1961: 23.
- taedae** Hopkins 1915a: 431. Holotype, sex?; Ft. Monroe, Virginia [USA]; USNM, Washington. Synonymy: Wood 1977c: 385. References: **(cn)** Beal et al. 1952; Blackman 1950; Doane et al. 1936. **(hb)** Baker, W. L. 1972: 258; Blackman 1950; Doane et al. 1936. **(ds)** Baker, W. L. 1972: 258; Blackman 1950; Doane et al. 1936; Kleine 1934a: 163; Leng 1920: 340. **(tx)** Chamberlin 1939: 333–334; Hopkins 1915a: 431; Wood, S. L. 1977c: 384.
- chunicus** Hopkins 1915a: 432. Holotype ♀; “13, 122, *Tomicus chunicus* Fitch det. No. 12 Hopk., Collection Fitch” [USA]; USNM, Washington. Synonymy: Wood 1977c: 384. References: **(hb)** Chamberlin 1939: 335. **(ds)** Chamberlin 1939: 335; Leng 1920: 340. **(tx)** Chamberlin 1939: 335; Hopkins 1915a: 432; Wood, S. L. 1977c: 384.
- echinatae** Wood 1978b: 398. Holotype ♀; Winona, Missouri [USA]; Wood Collection. Distribution: North America (Missouri in USA). Hosts: *Pinus echinata*. References: **(cn)** Yates, H. O. 1981. **(ds)** Wood, S. L. 1982b: 986. **(tx)** Wood, S. L. 1978b: 398, 1982b: 986.
- edulis** Hopkins 1915a: 430. Holotype ♀; Las Vegas Hot Springs, New Mexico [USA]; USNM, Washington. Distribution: North America (Chihuahua in Mexico/ Arizona, Colorado, New Mexico, W Texas, Utah in USA). Hosts: *Pinus cembroides*, *P. discolor*, *P. edulis*. References: **(cn)** Doane et al. 1936; Keen 1938: 16, 1958a: 48; Lyons 1956: 600; Ostmark & Wilford 1956: 12–13. **(cc)** Burks 1979: 781; Bushing 1965: 458; Forcella 1980; Keen 1938: 16, 1958a: 48; Muesebeck 1942: 94, 1950: 130. **(hb)** Chamberlin 1939: 334; Doane et al. 1936; Forcella 1980; Keen 1938: 16, 1958a: 48; Little 1943: 249; Lyons 1956: 600. **(ds)** Chamberlin 1925, 1939: 334; Furniss, R. L. & Carolin 1977: 377; Keen 1929: 30, 1938: 16, 1958: 48; Kleine 1934a: 162; Leng 1920: 340; Wood, S. L. 1982b: 985. **(tx)** Chamberlin 1939: 334; Hopkins 1915a: 430; Keen 1929: 30; Wood, S. L. 1982b: 985, 1989: 171.
- cembroides** Wood 1972d: 74. Holotype ♂; Miller Canyon, Huachuca Mts., Arizona [USA]; Wood Collection. Synonymy: Wood 1989: 171. References: **(cn)** Cibrian-Tovar et al. 1986: 40. **(hb)** Cibrian-Tovar et al. 1986: 40. **(ds)** Atkinson & Equihua 1985c: 359; Cibrian-Tovar et al. 1986: 40; Furniss, R. L. & Carolin 1977: 377; Wood, S. L. 1982b: 985. **(tx)** Wood, S. L. 1972d: 74, 1982b: 985, 1989: 171.
- mexicanus** Wood 1962: 79. Holotype ♂; Necaxa, Puebla, Mexico; Wood Collection. Distribution: North America (Puebla in Mexico). Hosts: *Pinus* sp. References: **(cn)** Cibrian-Tovar et al. 1986: 42. **(hb)** Cibrian-Tovar et al. 1986: 42. **(ds)** Atkinson & Equihua 1988: 86; Cibrian-Tovar et al. 1986: 42; Wood, S. L. 1982b: 988. **(tx)** Wood, S. L. 1962: 79, 1982b: 988.
- michoacanae** Wood 1980b: 354. Holotype ♂; Uruapan, Michoacan, Mexico; Wood Collection.

Distribution: North America (Michoacan in Mexico).

Hosts: *Pinus michoacana*.

References: **(cn)** Cibrian-Tovar et al. 1986: 43. **(hb)** Cibrian-Tovar et al. 1986: 43. **(ds)** Cibrian-Tovar et al. 1986: 43; Wood, S. L. 1982b: 989. **(tx)** Wood, S. L. 1980b: 354, 1982b: 989.

monophyllae Hopkins 1915a: 433. Holotype ♀; Ventura County, California [USA]; USNM, Washington.

Distribution: North America (California, SW Idaho, Nevada, Utah in USA).

Hosts: *Pinus monophylla*.

References: **(ay)** Thomas, J. B. 1967. **(cn)** Cibrian-Tovar et al. 1986: 44; Keen 1938: 16, 1958a: 48. **(ec)** Bushing 1965: 458; Keen 1938: 16, 1958a: 48; Poinar 1975: 151; Poinar & Caylor 1974; Richerson, J. V. & Borden 1972a. **(hb)** Bright & Stark 1973: 98; Chamberlin 1939: 336; Cibrian-Tovar et al. 1986: 44; Keen 1938: 16, 1958a: 48; Ruckes 1963; Wood, S. L. 1982b: 984. **(ds)** Bright & Stark 1973: 98; Chamberlin 1939: 336; Cibrian-Tovar et al. 1986: 44; Furniss, M. M. & Johnson 1987: 376; Furniss, R. L. & Carolin 1977: 377; Keen 1929: 30, 1938: 16, 1958a: 48, 159–164; Kleine 1934a: 162; Leng 1920: 340; Ruckes 1963: 47; Wood, S. L. 1982b: 984. **(tx)** Chamberlin 1939: 336; Hopkins 1915a: 433; Keen 1929: 30; Thomas, J. B. 1967; Wood, S. L. 1982b: 984.

ponderosae Hopkins 1915a: 431. Holotype ♀; Ashland, Oregon [USA]; USNM, Washington.

Figures: Evans 1982: 8, 20, Furniss & Carolin 1977: 376, Kinzer, Ridgill, & Watts 1972: 12.

Distribution: North America (British Columbia in Canada/ Durango, Mexico, Michoacan in Mexico/ Arizona, California, Idaho, Montana, Nebraska, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming in USA).

Hosts: *Pinus aristata*, *P. contorta* (rare, mostly in twigs), *P. douglasiana*, *P. durangensis*, *P. flexilis*, *P. jeffreyi*, *P. lambertiana*, *P. leiophylla*, *P. montezumae*, *P. monticola*, *P. ponderosa*, *P. strobiformis*, *P. washoensis*.

Notes: (3) Recent studies (not seen) of epicuticular hydrocarbons suggest that *lambertianae* may be distinct from *ponderosae* (SLW).

References: **(ay)** Kinzer & Ridgill 1972; Thomas, J. B. 1967. **(bv)** Kinzer & Reeves 1976; Kinzer, Ridgill, & Reeves 1972; Kinzer, Ridgill, & Watts 1970. **(cn)** Anonymous 1961h, 1965b, 1966i, 1979g, 1980m: 33; Arno & Hoff 1989; Beatty 1980: 8; Blake, Wagner, & Koerber 1986, 1989; Bodenham & Stevens 1981; Chamberlin 1924; Cibrian-Tovar et al. 1986: 44; Dale & Schenk 1978, 1979; Doane et al. 1936; Essig 1926: 519, 1958: 519; Hagle et al. 1987: 95; Hatch 1938: 194; Haverty & Dell 1984; Hopkins 1899b: 8; Jenkins 1984b; Keen 1929: 54, 1938: 16, 1958a: 48; Kinzer, Ridgill, & Watts 1972: 795–798; Koeber

1968: 229; Lyons 1956: 600; Miller 1914: 4, 1915: 1; Ragenovich 1979; Rogers, T. J. 1981; Schmid, Mitchell, & Mata 1986; Schmidt et al. 1984; Shea, P. J. 1984; Shea, P. J., Jenkins, & Haverty 1984; Stevens, Brewer, & Leatherman 1980: 27, 1982: 27; Swaine 1918a: 92. **(ec)** Bushing 1965: 458; Jenkins 1983, 1984b; Keen 1938: 16, 1958a: 48, 159–164; Kinzer, Ridgill, & Watts 1972: 795–798; Marsh 1979: 270; Muesebeck 1942: 94, 1950: 130, 1957: 54; Ruckes 1956: 184–185; Shea, P. J., Jenkins, & Haverty 1984. **(hb)** Atkinson et al. 1986: 36; Bright & Stark 1973: 98; Chamberlin 1939: 334, 1958: 141–142; Cibrian-Tovar et al. 1986: 44; Dale & Schenk 1979; Doane et al. 1936; Essig 1926: 519, 1958: 519; Hopkins 1899b: 8; Jenkins 1983, 1984a, 1984b; Keen 1929: 54, 1938: 16, 1958a: 48; Kinzer & Reeves 1976; Kinzer, Ridgill, & Watts 1970, 1972; Lyons 1956: 600; Miller 1915: 1; Ruckes 1963: 47; Shea, P. J., Jenkins, & Haverty 1984; Stevens, Brewer, & Leatherman 1980: 27, 1982: 27; Swaine 1918a: 92; Wood, S. L. 1982b: 990. **(ds)** Anonymous 1965b, 1966f, 1979g, 1980m: 33; Atkinson & Equihua 1985a: 90; Atkinson et al. 1986: 36; Bright 1976d: 172; Bright & Stark 1973: 98; Chamberlin 1917, 1925, 1939: 334, 1958: 141–142; Cibrian-Tovar et al. 1986: 44; Essig 1926: 519, 1958: 519; Furniss, R. L. & Carolin 1977: 377; Gast et al. 1989: 385; Hopping 1922; Keen 1929: 50, 54, 1938: 16, 1958a: 48; Kinzer & Reeves 1976; Kleine 1934a: 162; Leng 1920: 340; Ruckes 1963: 47; Schedl 1963c: 157; Thomas, J. B. 1966; Wood, S. L. 1982b: 990. **(tx)** Benoit 1986: 26; Bodenham & Stevens 1981; Chamberlin 1939: 334, 1958: 141–142; Hopkins 1915a: 431; Keen 1929: 30; Kinzer, Ridgill, & Watts 1972: 12; Swaine 1918a: 92; Thomas, J. B. 1967; Wood, S. L. 1962: 79, 1977c: 385, 1982b: 990. **(ms)** Hatch 1938: 194.

scopulorum Hopkins 1915a: 431. Holotype ♀; Flagstaff, Arizona [USA]; USNM, Washington. Synonymy: Wood 1977c: 385.

References: **(cn)** Anonymous 1967t; Doane et al. 1936; Keen 1938: 16, 1958a: 48; Lucht 1966: 30; Pearson 1950: 155; Swaine 1918a: 92. **(ec)** Keen 1938: 16, 1958a: 48, 159–164. **(hb)** Chamberlin 1939: 335; Doane et al. 1936; Keen 1938: 16, 1958a: 48; Swaine 1918a: 92. **(ds)** Anonymous 1967t; Chamberlin 1939: 335; Furniss, R. L. & Carolin 1977: 377; Keen 1929: 30, 1938: 16, 1958a: 48; Kleine 1934a: 163; Leng 1920: 340. **(tx)** Chamberlin 1939: 335; Hopkins 1915a: 431; Keen 1929: 30; Swaine 1918a: 92; Wood, S. L. 1977c: 385.

contortae Hopkins 1915a: 432. Holotype ♀; Newport, Oregon [USA]; USNM, Washington. Synonymy: Wood 1977c: 385.

References: **(cn)** Clapp 1942: 31; Doane et al. 1936; Keen 1938: 16, 1958a: 48; Lindgren 1980a: 93; Swaine 1918a: 92. **(ec)** Keen 1938:

- 16, 1958a: 48. (**hb**) Bright 1976d: 171; Bright & Stark 1973: 100; Chamberlin 1939: 336, 1958: 141–142; Doane et al. 1936; Keen 1938: 16, 1958a: 48; Lindgren 1980a: 93; Ruckes 1959: 94, 1963; Swaine 1912a: 92. (**ds**) Bright 1976d: 171; Bright & Stark 1973: 100; Chamberlin 1939: 336, 1958: 141–142; Furniss, R. L. & Carolin 1977: 377; Keen 1929: 30, 1938: 16, 1958a: 48; Kleine 1934a: 162; Leng 1920: 340; Ruckes 1963. (**tx**) Chamberlin 1939: 336, 1958: 141–142; Hopkins 1915a: 432; Keen 1958: 47–48; Swaine 1918a: 92; Wood, S. L. 1977c: 385.
- monticola* Hopkins 1915a: 432. Holotype ♀; Priest River, Idaho [USA]; USNM, Washington. Synonymy: Wood 1977c: 385.
- References: (**cn**) Andrews 1968: 154; Barnes, Brigham, & Schenk 1962: 1–7; Browne 1968b: 185; Dewey & Clinton 1980; Doane et al. 1936; Evans, D. 1982: 8; Graham 1963; Hatch 1938: 194; Haverty & Wood 1981; Hedlin 1974: 34; Keen 1938: 16, 1958a: 48; Morris, E. V. & Monts 1973a: 15; Robinson, L. A. & Dooling 1978: 11; Ruppel 1967: 27; Schenk & Goyer 1967: 186–187; Silver & Ross 1957: 85; Swaine 1918a: 93. (**ec**) Keen 1938: 16, 1958a: 48; Schenk & Goyer 1967: 186–187; Williamson, D. L., Schenk, & Barr 1966. (**hb**) Barnes, Brigham, & Schenk 1962: 1–7; Bright 1976d: 172; Bright & Stark 1973: 100; Browne 1968b: 185; Chamberlin 1939: 337, 1958: 141–142; Doane et al. 1936; Evans, D. 1982: 8; Graham 1963; Hedlin 1982: 34; Keen 1938: 16, 1958a: 48, 159–164; Ruckes 1959: 94, 1963: 49; Swaine 1918a: 93; Williamson, D. L., Schenk, & Barr 1966. (**ds**) Bright & Stark 1973: 100; Browne 1968b: 185; Chamberlin 1925, 1939: 336, 1958: 141–142; Evans, D. 1983: 31; Furniss, R. L. & Carolin 1977: 377; Hopping 1922; Keen 1929: 30, 1938: 16, 1958a: 48, 159–164; Kleine 1934a: 162; Leng 1920: 340; Patterson & Hatch 1945: 152; Ross 1958: 30; Ruckes 1963: 49; Ruppel 1967: 27. (**tx**) Bright 1976d: 172; Chamberlin 1939: 336, 1958: 141–142; Evans, D. 1982: 8, 20, 1983: 31; Hopkins 1915a: 432; Keen 1929: 30; Schedl 1938a: 161; Swaine 1918a: 92–93; Wood, S. L. 1977c: 385.
- flexilis* Hopkins 1915a: 433. Holotype ♀; Mount Manitou, Colorado [USA]; USNM, Washington. Synonymy: Wood 1977c: 385.
- References: (**ay**) Thomas, J. B. 1967. (**bv**) Kinzer & Reeves 1976. (**cn**) Johnson, D. W. & Minnemeyer 1976; Keen 1938: 16, 1958a: 48. (**ec**) Burks 1979: 781; Bushing 1965: 458; Keen 1938: 16, 1958a: 48. (**hb**) Bright & Stark 1973: 100; Chamberlin 1939: 337, 1958: 142; Keen 1938: 16, 1958a: 48. (**ds**) Atkinson & Equihua 1988: 86; Bright 1964: 170, 1976d: 171; Bright & Stark 1973: 100; Chamberlin 1939: 337, 1958: 142; Furniss, R. L. & Carolin 1977: 377; Keen 1929: 30, 1938: 16, 1958a: 48; Kinzer & Reeves 1976; Kleine 1934a: 162; Leng 1920: 340; McComb et al. 1953: 1; Wood, S. L. 1948: 46, 1951a: 128. (**tx**) Chamberlin 1939: 337, 1958: 142; Hopkins 1915a: 433; Keen 1929: 30; Thomas, J. B. 1967; Wood, S. L. 1951a: 128, 1977c: 385.
- lambertiana* Hopkins 1915a: 433. Holotype ♀; Hilt, California [USA]; USNM, Washington. Synonymy: Wood 1977c: 385.
- References: (**ay**) Thomas, J. B. 1967. (**cn**) Anonymous 1955j: 3, 1958a: 10; Chamberlin 1924; Doane et al. 1936; Essig 1926: 519, 1958: 519; Fowells & Schubert 1956: 27; Hall 1955; Keen 1929: 54, 1958a: 48–55; Lyons 1956: 600; Struble 1947b: 48–50. (**ec**) Anonymous 1960i, 1960j: 12, 1961h, 1961i, 1961s, 1962i, 1963y, 1965b, 1966i, 1979g, 1980a, 1980m: 33; Bedard, W. L. Jr. 1968b; Hoekstra, Plerkel, & Powers 1961; Keen 1958a: 48; Muesebeck 1942: 94, 1950: 130; Ruckes 1956: 184–185; Thatcher, T. O. 1961. (**hb**) Bedard 1966b: 152–157, 1968a: 7–17, 1968b: 1–6; Bright & Stark 1973: 99; Chamberlin 1939: 337, 1958: 142; Doane et al. 1936; Essig 1926: 519, 1958: 519; Keen 1929: 54–55, 1958a: 48; Lyons 1956: 600; Miller 1915: 1–12; Ruckes 1957: 367, 1958: 214, 1963: 48; Struble 1947b: 48; Thatcher, T. O. 1961. (**ds**) Anonymous 1958a: 10, 1962i, 1963y, 1965b, 1979g, 1980a, 1980m: 33; Atkinson & Equihua 1988: 86; Bedard 1966b, 1968b; Bright & Stark 1973: 99; Chamberlin 1925, 1939: 337, 1958: 142; Essig 1926: 519, 1958: 519; Furniss, R. L. & Carolin 1977: 377; Hall & Eaton 1960: 8; Hopping 1922; Keen 1929: 30, 54, 1958a: 48; Kleine 1934a: 162; Leng 1920: 340; Ruckes 1963; Thatcher, T. O. 1961. (**tx**) Anonymous 1960j: 12; Blackman 1928b; Chamberlin 1939: 337, 1958: 142; Furniss, R. L. & Carolin 1977: 376; Hopkins 1915a: 433; Keen 1929: 30; Thomas, J. B. 1967; Wood, S. L. 1977c: 385. (**ms**) Hoekstra, Merkel, & Powers 1961.
- radiata* Hopkins 1915a: 432. Holotype ♀; Pacific Grove, California [USA]; USNM, Washington. Figures: Schaefer 1962: 570.
- Distribution: North America (California in USA). Hosts: *Pinus radiata*.
- References: (**ay**) Schaefer, C. H. 1962, 1964; Thomas, J. B. 1967. (**bv**) Schaefer, C. H. 1962. (**cn**) Keen 1929: 55, 1938: 16, 1958a: 48. (**ec**) Bushing 1965: 458; Keen 1938: 16; Muesebeck 1942: 94, 1950: 130; Odera 1971; Ruhm 1964; Schaefer, C. H. 1962, 1963, 1964. (**hb**) Bright & Stark 1973: 101; Chamberlin 1939: 336; Godwin & Odell 1965: 213–219; Keen 1929: 55, 1938: 16, 1958a: 48; Ruckes 1958: 214, 1963: 49; Schaefer, C. H. 1962, 1964; Wood, S. L. 1982b: 986. (**ds**) Atkinson & Equihua 1988: 86; Bedard 1966b:

- 156; Berryman & Stark 1962a; Bright & Stark 1973: 101; Chamberlin 1925, 1939: 336; Furniss, R. L. & Carolin 1977: 377; Hopping 1922; Keen 1929: 30, 55, 1938: 16, 1958a: 48, 159–164; Kleine 1934a: 163; Leng 1920: 340; McPherson, Wilson, & Stehr 1970a: 1008; Ruckes 1963: 49; Schaefer, C. H. 1962: 569, 1963: 79, 1964: 195; Schedl 1963c: 157; Wood, S. L. 1982b: 986. **(tx)** Chamberlin 1939: 336; Hopkins 1915a: 432; Keen 1929: 30; Schaefer 1962: 570; Thomas, J. B. 1967; Wood, S. L. 1982b: 986.
- resinosae** Hopkins 1915a: 431. Holotype ♂; not given, collected by Harrington [USA]; USNM, Washington.
- Figures: Bright 1976d: 204, 213 (adults), MacLeod, Hook, & Livesay 1975: 2.
- Distribution: North America (Nova Scotia, Ontario, Quebec in Canada/ Michigan, Minnesota, New Hampshire, New Jersey, New York, West Virginia, Wisconsin in USA).
- Hosts: *Pinus resinosa*, uncommon in *P. banksiana* twigs, rare and non-persistent in other *Pinus* spp.
- References: **(ay)** Herdy 1959; McPherson, J. E., Wilson, & Stehr 1970a; Thomas, J. B. 1957: 4, 1967, 1971b. **(bv)** Mattson, Tabashnik, & Miller 1984; McPherson, J. E. 1969b; McPherson, J. E., Wilson, & Stehr 1970b; Tabashnik, Mattson, & Miller 1985. **(cn)** Anonymous 1956f: 108, 1958a: 9, 1964b; Applejohn & Howse 1982b; Baker, W. L. 1972: 257; Berryman 1987; Blackman 1950; Bowser & Weir 1975: 12; Browne 1968b: 185; Doane et al. 1936; Drooz 1985: 365; Fogal 1979: 9; Forbes, Underwood, & Van Sickle 1969: 25; Foster & Applejohn 1975: 7; Hall, K. C., Biggs, & MacLeod 1975: 3; Hall, K. C., Livesay, & Houser 1972; Hard 1964; Howse et al. 1982: 47; Kondo & Moody 1987: 97; Kondo & Taylor 1985: 55; Lindquist, O. H. & Syme 1981: 31; Lyons 1951: 1, 1956: 600, 1957a: 70–79, 1957b: 150, 1957c: 265; MacLeod & Lawrence 1972: 4; Mattson 1968, 1971, 1972a, 1972b, 1978, 1980; Miller, W. E. 1978, 1979; Moody 1988: 66; Prebble 1954: 221; Rauf, Benjamin, & Cecich 1985; Sippell, MacDonald, & Rose 1960: 59; Sterner & Davidson 1981, 1983; Swaine 1918a: 92–93; Syme & Nystrom 1988: 33; Vandenburg 1966: 33; Weir, H. J. et al. 1984a: 105; Weir & Lawrence 1975: 10; Wilson, L. F. 1977: 81. **(ec)** Anonymous 1956f: 108; Berryman 1987; Mattson 1968: 1–2, 1972b, 1980, 1986; Miller, W. E. 1978; Muesebeck 1942: 94; Thomas & Lindquist 1956: 2. **(hb)** Baker, W. L. 1972: 257; Blackman 1950; Bright 1976d: 173; Browne 1968b: 185; Doane et al. 1936; Drooz 1985: 365; Fogal 1979: 9; Godwin & Odell 1965: 213–219; Hard 1964; Lyons 1951: 1, 1956: 599–600, 1957a: 150, 1957b: 264–265; Mattson 1980; Mattson, Tabashnik, & Miller 1984; McPherson, J. E. 1969b: 241–242; McPherson, J. E., Wilson, & Stehr 1970a: 1008–1022; Miller, W. E. 1978; Ruckes 1958: 215; Swaine 1918a: 92, 93; Wilson, L. F. 1977: 81; Wood, S. L. 1982b: 988. **(ds)** Anonymous 1926c: 518, 1958a: 9; Beaulne 1956; Blackman 1950; Bright 1976d: 173; Browne 1968b: 185; Deyrup 1981b: 8; Dodge 1938: 14, 41; Drooz 1985: 365; Kleine 1934a: 163; Leng 1920: 340; Leonard 1928: 518; Lindquist, O. H. & Syme 1981: 31; McPherson, J. E., Wilson, & Stehr 1970a; Miller, W. E. 1978; Syme & Nystrom 1988: 33; Wood, S. L. 1982b: 988. **(tx)** Benoit 1985: 76; Bright 1976d: 204, 213; Chamberlin 1939: 334; Dodge 1938: 14, 41; Hopkins 1915a: 431; Lindquist, O. H. & Syme 1981: 31; McPherson, J. E. 1969b; Swaine 1918a: 92–93; Syme & Nystrom 1988: 33; Thomas, J. B. 1957: 4, 22, 1967, 1971b; Titus, Meikle, & Harrison 1985: 49; Wood, S. L. 1977c: 385, 1982b: 988, 1989: 171. **(ms)** Mattson, Tabashnik, & Miller 1984.
- virginianae** Hopkins 1915a: 431. Holotype ♂; Huttonsville, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1977c: 385.
- References: **(cn)** Beal et al. 1952; Blackman 1950; Doane et al. 1936. **(hb)** Baker, W. L. 1972: 258; Blackman 1950; Chamberlin 1939: 334; Doane et al. 1936. **(ds)** Blackman 1950; Chamberlin 1939: 334; Kleine 1934a: 163; Leng 1920: 340. **(tx)** Chamberlin 1939: 334; Hopkins 1915a: 431; Wood, S. L. 1977c: 385.
- banksianae** McPherson 1970: 1020. Holotype ♂; Fife Lake, Michigan [USA]; Michigan State University Collection, East Lansing. Synonymy: Wood 1989: 171.
- References: **(ay)** McPherson, Wilson, & Stehr 1970a. **(bv)** Anonymous 1979a; Hall, D. J. 1973b; McPherson, J. E. 1969b. **(cn)** Anonymous 1979a, 1989; Drooz 1985: 366; Howse, Gross, & Rose 1981: 61; Howse et al. 1981: 43, 1982: 42, 1983; Kondo & Moody 1987: 91; Kondo & Taylor 1985: 50; Lindquist, O. H. & Syme 1981; MacLeod, Hook, & Livesay 1975; Sippell, Rose, & Gross 1975: 65; Sterner & Davidson 1981, 1983; Syme & Nystrom 1988: 33; Thompson, M. J. & Houser 1975: 2. **(ec)** Hall, D. J. 1975; Hall, D. J. & Wilson 1975. **(hb)** Anonymous 1979a; Bright 1976d: 170; Drooz 1985: 366; Hall, D. J. 1973b; Hall, D. J. & Wilson 1974, 1975; McPherson 1969b; McPherson, Wilson, & Stehr 1970a; Wilson, L. F. 1977: 72; Wood, S. L. 1982b: 987. **(ds)** Bright 1976d: 170; Drooz 1985: 366; Lindquist, O. H. & Syme 1981; McPherson, Wilson, & Stehr 1970a; Syme & Nystrom 1988: 33; Wood, S. L. 1982b: 987. **(tx)** Benoit 1985: 76; Lindquist, O. H. & Syme 1981; MacLeod, Hook, & Livesay 1975: 2; McNamara 1977: 195; McPherson 1969b: 241, 1970: 1020; Syme & Nystrom 1988: 33; Titus, Meikle, & Harrison 1985: 49; Wood, S. L. 1982b: 987, 1989: 171.

teocotum Wood 1980b: 354. Holotype ♂; Uruapan, Michoacan, Mexico: Wood Collection.
Distribution: North America (Michoacan in Mexico).

Hosts: *Pinus teocote*.

References: (cn) Cibrian-Tovar et al. 1986: 46. (hb) Cibrian-Tovar et al. 1986: 46. (ds) Cibrian-Tovar et al. 1986: 46; Wood, S. L. 1982b: 991. (tx) Wood, S. L. 1980b: 354, 1982b: 991.

terminalis Flores & Bright 1987: 181. Holotype ♀; Mexico: Nuevo Leon, La Primavera, Galeana, 1700 m; CNCI, Ottawa.

Distribution: North America (Nuevo Leon in Mexico).

Hosts: *Pinus cembroides*.

References: (tx) Flores & Bright 1987: 181.

Genus *Pityoborus* Blackman

PITYOBORUS BLACKMAN 1922b: 96. Type-species: *Crypturgus comatus* Zimmermann, monobasic.

Keys: Wood 1958a: 47, 1982b: 1147.

Notes: Members of this genus breed in the shaded-out, dying branches of living *Pinus* spp.

References: (hb) Wood, S. L. 1986a: 97. (ds) Wood, S. L. 1986a: 97. (tx) Beal & Massey 1945: 60, 124; Blackman 1922b: 96, 1928b: 3–16, 1942a: 177; Schedl 1938a: 159, 163, 165, 168; Wood, S. L. 1958a: 46–56, 1982b: 1146–1152, 1986a: 97.

comatus (Zimmermann) 1868: 143 (*Crypturgus*). Holotype ♀; South Carolina [USA]; MCZ, Cambridge.

Figures: Blackman 1922b: pl. 10, figs. 51–52 (adult).

Distribution: Antilles Islands (Andros Island in Bahamas Islands), North America (Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina in USA).

Hosts: *Pinus* spp.

Notes: (3) Blackman 1928b: 145 (redescribed).

References: (ay) Furniss, M. M. et al. 1987. (bv) Atkinson, Foltz, & Connor 1988; Turnbow & Franklin 1980. (cn) Baker, W. L. 1972: 258; Doane et al. 1936; Schuder 1969: 79; Swaine 1918a: 104. (ec) Furniss, M. M. et al. 1987. (hb) Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 258; Beal & Massey 1945: 125; Blackman 1922b: 96–98; Chamberlin 1939: 343; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Drooz 1985: 364; Swaine 1918a: 104. (ds) Atkinson et al. 1991: 162; Baker, W. L. 1972: 258; Beal & Massey 1945: 125; Blackman 1922b: 96–98; Blatchley & Leng 1916: 632; Chamberlin 1925, 1939: 343; Deyrup & Atkinson 1987a: 66; Drooz 1985: 364; Hagedorn 1910d: 70; Henshaw 1885: 148; Kirk 1970; Kleine 1913b: 140, 1934a: 163; Leng 1920: 341; Ostmark 1968; Schuder 1969: 79; Swaine 1909: 134; Turnbow & Franklin 1980; Wood, S. L. 1982b: 1148. (tx) Beal & Massey 1945: 125;

Blackman 1922b: 96–98, 1928b: 145–146, 1942a: 203; Blatchley & Leng 1916: 632; Chamberlin 1939: 343; Eichhoff 1878b: 136; Hagedorn 1910a: 100; LeConte 1868: 157, 1876: 354–355; Schedl 1938a: 159; Swaine 1909: 134, 1918a: 104; Wood, S. L. 1958a: 48, 53, 1982b: 1148; Zimmerman 1868: 143.

seriatus LeConte 1878a: 432 (*Pityophthorus*).

Holotype ♂; Tampa, Florida [USA]; MCZ, Cambridge. Synonymy: Blackman 1928b: 146.

References: (cn) Swaine 1918a: 104. (hb) Swaine 1918a: 104. (ds) Hagedorn 1910d: 70; Henshaw 1882: 269, 1885: 148; Kleine 1913b: 140; Leng 1920: 341; Schwarz 1878d: 468. (tx) Blackman 1928b: 145–146; Chamberlin 1939: 342; Hagedorn 1910a: 101; LeConte 1878a: 432–433, 468; Swaine 1909: 140, 1918a: 104.

frontalis Wood 1971: 49. Holotype ♀; 13 km SE El Cameron, Oaxaca, Mexico; Wood Collection.

Figures: Bright 1972c: 1675.

Distribution: North America (Oaxaca in Mexico).

Hosts: *Pinus oocarpa*, *P. sp.*

References: (ds) Wood, S. L. 1982b: 1151. (tx) Wood, S. L. 1971: 49, 1973c: 182, 1982b: 1151.

severus Bright 1972c: 1676. Holotype ♀; 5 km N Suchixtepec, Oaxaca, Mexico; CNCI, Ottawa.

Synonymy: Wood 1973c: 182.

References: (tx) Bright 1972c: 1675–1676; McNamara 1977: 197; Wood, S. L. 1973c: 182, 1982b: 1151.

hirtellus Wood 1958a: 50. Holotype ♀; 23 km NW Guadalajara, Jalisco, Mexico; SMUK, Lawrence.

Distribution: North America (Durango, Jalisco in Mexico).

Hosts: *Pinus pseudostrobus*, *P. sp.*

References: (hb) Atkinson & Equihua 1985a: 98; Atkinson et al. 1986: 36. (ds) Atkinson & Equihua 1985a: 98; Atkinson et al. 1986: 36; Wood, S. L. 1985a: 98. (tx) Wood, S. L. 1958a: 47, 50, 1982b: 1150.

hondurensis Wood 1971: 49. Holotype ♀; Yuscaran, Paraiso, Honduras; Wood Collection.

Distribution: North America (Belize/ Honduras).

Hosts: *Pinus caribaea*, *P. oocarpa*.

References: (ds) Wood, S. L. 1982b: 1151. (tx) Wood, S. L. 1971: 49, 1982b: 1151.

rubentis Wood 1958a: 51. Holotype ♀; 23 km W Texmelucan, Puebla, Mexico; SMUK, Lawrence.

Distribution: North America (Chihuahua, Durango, Michoacan, Puebla, Veracruz in Mexico).

Hosts: *Pinus* spp.

References: (hb) Wood, S. L. 1982b: 1150. (ds) Atkinson & Equihua 1988: 94; Wood, S. L. 1982b: 1150. (tx) McNamara 1977: 197; Wood, S. L. 1958a: 48, 51, 1982b: 1150.

secundus Blackman 1928b: 146. Holotype ♀; La Sal Mts., Utah [USA]; USNM, Washington.

Figures: Bright 1972c: 1675.

Distribution: North America (Distrito Federal, Durango, Hidalgo, Michoacan, Puebla, Veracruz in Mexico/ Arizona, New Mexico, Utah in USA).

Hosts: *Pinus ayacahuite*, *P. leiophylla*, *P. oocarpa*, *P. ponderosa*, *P. pseudostrobus*, *P.* spp.

References: (ec) Furniss, R. L. & Carolin 1977: 399. (hb) Atkinson et al. 1986: 36; Chamberlin 1939: 345; Furniss, R. L. & Carolin 1977: 399. (ds) Atkinson & Equihua 1988: 94; Atkinson et al. 1986: 36; Chamberlin 1939: 345; Furniss, R. L. & Carolin 1977: 399; Leng & Mutchler 1933: 52; Wood, S. L. 1960b: 69, 1982b: 1148. (tx) Blackman 1928b: 146, 1942a: 203; Chamberlin 1939: 345; Wood, S. L. 1958a: 48, 53–54, 1960b: 69, 1973c: 182, 1982b: 1148.

tertius Blackman 1942a: 202. Holotype ♀; Chalco, D.F., Mexico; USNM, Washington. Synonymy: Wood 1973c: 182.

References: (ds) Blackwelder 1947: 781; Bright 1972c: 1679. (tx) Blackman 1942a: 202–203; Wood, S. L. 1958a: 48, 58, 1973c: 182.

intonsus Wood 1958a: 54. Holotype ♀; 23 km W Texmelucan, Puebla, Mexico; SMUK, Lawrence. Synonymy: Wood 1973c: 182.

References: (ay) Thomas, J. B. 1967. (ds) Thomas, J. B. 1967. (tx) Thomas, J. B. 1967; Wood, S. L. 1958a: 48, 54, 1973c: 182, 1982b: 1148.

immitus Bright 1972c: 1674. Holotype ♀; 68 km W Durango, Durango, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 182.

References: (tx) Bright 1972c: 1674–1675; McNamara 1977: 197; Wood, S. L. 1973c: 182.

ramosus Bright 1972c: 1677. Holotype ♀; 5.6 km S Suchixtepec, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 182.

References: (tx) Bright 1972c: 1675, 1677; Wood, S. L. 1973c: 182, 1982b: 148.

velutinus Wood 1958a: 48. Holotype ♀; 23 km NW Guadalajara, Jalisco, Mexico; SMUK, Lawrence. Distribution: North America (Jalisco in Mexico). Hosts: *Pinus* sp.

References: (ds) Atkinson & Equihua 1988: 94; Wood, S. L. 1982b: 1151. (tx) Wood, S. L. 1958a: 47–48, 1982b: 1151.

Genus *Dacnophthorus* Wood

DACNOPHTHORUS WOOD 1975b: 394. Type-species: *Gnathophthorus clematis* Wood, original designation.

Keys: Wood 1982b: 1152 for Central America.

Notes: The species of this genus breed in the phloem of lianas.

References: (hb) Wood, S. L. 1986a: 98. (ds) Wood, S. L. 1986a: 98. (tx) Wood, S. L. 1975b: 394, 1982b: 1152–1154, 1986a: 98.

artus (Wood) 1974a: 27 (*Gnathophthorus*). Holotype ♀; ca 260 km N Xavantina, Matto Grosso, Brasil (12 49 S, 41 46 W); BMNH, London.

Distribution: South America (Brazil).

Notes: (1) Wood 1975b: 394 (to *Dacnophthorus*).

References: (tx) Wood, S. L. 1974a: 27, 1975b: 394.

clematis (Wood) 1971: 51 (*Gnathophthorus*). Holotype ♀; Volcan Colima, Jalisco, Mexico; Wood Collection.

Figures: Wood 1971: 52, 1982b: 1153 (female outline, head).

Distribution: North America (Costa Rica/ Honduras/ Jalisco in Mexico/ Panama).

Hosts: *Clematis* sp.

Notes: (1) Wood 1975b: 394 (to *Dacnophthorus*).

References: (hb) Wood, S. L. 1982b: 1153. (ds) Wood, S. L. 1982b: 1153. (tx) Wood, S. L. 1971: 51–52, 1975b: 394, 1982b: 1153, 1986a: 98.

cracens (Wood) 1971: 53 (*Gnathophthorus*). Holotype ♀; La Ceiba, Atlantida, Honduras; Wood Collection.

Distribution: North America (Honduras).

Notes: (1) Wood 1975b: 394 (to *Dacnophthorus*).

References: (ds) Wood, S. L. 1982b: 1154. (tx) Wood, S. L. 1971: 53, 1975b: 394, 1982b: 1154.

pertusus (Wood) 1971: 53 (*Gnathophthorus*). Holotype ♀; 20 km SW El Vigia, Merida, Venezuela; Wood Collection.

Distribution: South America (Venezuela).

Hosts: Bignoniaceae liana.

References: (tx) Wood, S. L. 1971: 53–54, 1975b: 394.

rallus (Wood) 1971: 53 (*Gnathophthorus*). Holotype ♀; Merida, Venezuela; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Clematis* sp.

Notes: (1) Wood 1975b: 394 (to *Dacnophthorus*).

References: (tx) Wood, S. L. 1971: 53, 1975b: 394.

Genus *Pityotrichus* Wood

PITYOTRICHUS WOOD 1962: 76. Type-species: *Pityophilus barbatus* Blackman, automatic.

Pityophilus Blackman 1928b: 147. Type-species: *Pityophilus barbatus* Blackman, original designation, preoccupied by Brulle 1884.

References: (tx) Arnett 1960: 1045, 1968: 1045; Blackman 1928b: 8–16, 147–148; Chamberlin 1939: 345; Schedl 1938a: 159, 163, 165, 168; Wood, S. L. 1961: 48, 1962: 76, 1982b: 1140, 1986a: 98.

Keys: Bright 1971b: 68–69, Wood 1982b: 1141.

Notes: The species of this genus breed in the shaded-out, dying branches of living *Pinus* spp.

References: (hb) Wood, S. L. 1982b: 1140, 1986a: 98. (ds) Wood, S. L. 1982b: 1140, 1986a: 98. (tx) Bright 1971b: 68–69; Wood, S. L. 1962: 76, 1982b: 1140, 1986a: 98.

barbatus (Blackman) 1928b: 147 (*Pityophilus*). Holotype ♀: Las Vegas H.S. [Hot Springs], New Mexico [USA]; USNM, Washington. Distribution: North America (Arizona, New Mexico in USA).

Hosts: *Pinus edulis*, *P. cembroides*, uncommon in *P. ponderosa*.

Notes: (3) Blackman 1928b: 147–148 (*Pityophthorus edulis*, nomen nudum, synonymy), 1928b: 147–149 (*Pityophthorus nitidicollis*, nomen nudum, synonymy).

References: (hb) Chamberlin 1939: 345; Wood, S. L. 1982b: 1141. (ds) Chamberlin 1939: 345; Furniss, R. L. & Carolin 1977: 400; Keen 1929a: 34; Kleine 1934a: 163; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1141. (tx) Blackman 1928b: 147–148; Bright 1971b: 68; Chamberlin 1939: 345; Keen 1929a: 34; de Ruette 1970: 107; Schedl 1938a: 162; Wood, S. L. 1982b: 1141.

hesperius Bright 1971b: 69. Holotype ♀: Pinaleno Mts., Graham County, Arizona [USA]; CNCI, Ottawa.

Distribution: North America (Arizona, New Mexico in USA).

Hosts: *Pinus flexilis*, *P. strobiformis*.

References: (ds) Furniss, R. L. & Carolin 1977: 401; Wood, S. L. 1982b: 1142. (tx) Bright 1971b: 69–70; McNamara 1977: 198; Wood, S. L. 1982b: 1142.

Genus *Gnatholeptus* Blackman

GNATHOLEPTUS BLACKMAN 1943b: 34. Type-species: *Gnatholeptus mandibularis* Blackman = *Pityophthorus shannoni* Blackman, original designation.

Keys: Wood 1982b: 1142.

Notes: (1) Bright 1981d: 16 (treated as a subgenus of *Pityophthorus*).

References: (ds) Wood, S. L. 1986a: 98. (tx) Blackman 1943b: 34; Bright 1981: 16; Wood, S. L. 1982b: 1142–1146, 1986a: 98.

panamensis Blackman 1943b: 35. Holotype ♀; Barro Colorado Island, Canal Zone, Panama; USNM, Washington.

Figures: Wood 1982b: 1144 (female head).

Distribution: North America (Costa Rica/Panama), South America (Suriname).

Hosts: *Protium* sp.

References: (ds) Blackman 1943b: 35; Bright 1981d: 19; Wood, S. L. 1982b: 1145. (tx) Blackman 1943b: 35; Bright 1981d: 19; Wood, S. L. 1979b: 134, 1982b: 1145.

epistomalis Schedl 1961i: 224 (*Pityophthorus*). Holotype ♀; Barro Colorado Island, Canal Zone, Panama; Cornell University, Ithaca, New York. Synonymy: Wood 1979b: 134.

References: (tx) Bright 1977: 513; Schedl 1961i: 224; Wood, S. L. 1979b: 134, 1982b: 145.

semiermis (Nunberg) 1963c: 98 (*Pityophthorus*). Holotype ♂; Finca La Lola, Limon, Costa Rica; University of Wisconsin Collection, Madison.

Figures: Nunberg 1963c: 102, Wood 1982b: 1144 (female head).

Distribution: North America (Costa Rica), South America (Colombia/ Suriname/ Venezuela).

Hosts: *Protium* cf. *copal*.

Notes: (1) Bright 1977: 513 (to *Gnatholeptus*).

References: (ds) Bright 1981d: 21; Estrada & Atkinson 1988: 212; Wood, S. L. 1982b: 1145. (tx) Bright 1977: 513, 1981d: 21; Nunberg 1963c: 98, 102; Wood, S. L. 1982b: 1145.

shannoni (Blackman) 1942a: 224 (*Pityophthorus*). Holotype ♀; Cano Saddle at Gatun Lake, Panama; USNM, Washington.

Figures: Bright 1981d: 334, Wood 1982b: 1144 (female head).

Distribution: North America (Panama), South America (Colombia).

Hosts: *Protium* sp.

Notes: (1) Bright 1977: 513 (to *Gnatholeptus*).

References: (ds) Blackwelder 1947: 782; Bright 1981d: 20; Wood, S. L. 1982b: 1144. (tx) Blackman 1942a: 224; Bright 1977: 513, 1981d: 20, 334; Schedl 1961i: 226; Wood, S. L. 1979b: 134, 1982b: 1144.

mandibularis Blackman 1943b: 34. Holotype ♀; Barro Colorado Island, Canal Zone, Panama; USNM, Washington. Synonymy: Wood 1979b: 134.

References: (tx) Blackman 1943b: 34; Wood, S. L. 1979b: 134, 1982b: 1144.

gentilis Schedl 1961i: 225 (*Pityophthorus*). Holotype ♂; Barro Colorado Island, Gatun Lake, Canal Zone, Panama; Cornell University Collection, Ithaca, New York. Synonymy: Bright 1977: 513, Wood 1979b: 134.

References: (tx) Bright 1977: 513; Schedl 1961i: 225, 1979c: 103; Wood, S. L. 1979b: 134, 1982b: 1144.

Genus *Pityodendron* Schedl

PITYODENDRON SCHEDL 1953d: 93. Type-species: *Pityodendron madagascariensis* Schedl, monobasic.

References: (hb) Wood, S. L. 1986a: 98. (ds) Wood, S. L. 1986a: 98. (tx) Schedl 1953d: 93, 1964m: 307, 1977b: 106; Wood, S. L. 1986a: 98.

madagascariensis Schedl 1953d: 93. Lectotype, sex?; Madagascar, Mt. d'Ambre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 144.

Figures: Schedl 1977a: 105.

Distribution: Madagascar.

References: (tx) Schedl 1953d: 93, 1977b: 105–106, 1979c: 144.

Genus *Saurophtilius* Browne

SAUROPTILIUS BROWNE 1970: 558. Type-species: *Xyleborus sauropterus* Schedl, original designation.

References: **(hb)** Wood, S. L. 1986: 98. **(ds)** Wood, S. L. 1986a: 98. **(tx)** Browne 1970: 558–559; Schedl 1977b: 114; Wood, S. L. 1986a: 98.

sauropterus (Schedl) 1953d: 101 (*Xyleborus*). Holotype ♂; Madagascar, Sikora; Schedl Collection in NHMW, Wien.

Figures: Schedl 1977b: 113.

Distribution: Madagascar.

Hosts: *Mauloutchia* sp.

References: **(tx)** Schedl 1953d: 101–102, 1970d: 558–559, 1977b: 113–114, 1979c: 220; Wood, S. L. 1986a: 98, 1989: 175.

saurophteroides Schedl 1970d: 237 (*Xyleborus*).

Holotype ♀; Madagascar, Bemampidy; MNHN, Paris. Synonymy: Wood 1989: 175.

References: **(tx)** Schedl 1970d: 234, 237, 1977b: 114, 1979c: 220; Wood, S. L. 1989: 175.

Genus *Phelloterus* Wood

PHELLOTERUS WOOD 1971: 46. Type-species: *Phelloterus tersus* Wood, original designation.

References: **(hb)** Wood, S. L. 1986a: 98. **(ds)** Wood, S. L. 1986a: 98. **(tx)** Wood, S. L. 1971: 46–47, 1986a: 98.

anaxeus Wood 1971: 47. Holotype ♂; 8 km S Colombia (near Buenaventura), Valle de Cauca, Colombia; Wood Collection.

Distribution: South America (Colombia).

Hosts: *Couma macrocarpa*, *Eshweilera* sp., *Lecythia* sp., *Licania* sp., *Sacoglochia procera*.

References: **(tx)** McNamara 1977: 197; Wood, S. L. 1971: 47.

atrocis Wood 1971: 48. Holotype ♂; Campamento Capote, 27 km NE Montoya, Santander, Colombia; Wood Collection.

Distribution: South America (Colombia).

Hosts: *Eschweilera* sp., *Sacoglochia* sp.

References: **(tx)** Wood, S. L. 1971: 48.

tersus Wood 1971: 47. Holotype ♂; Colonia Tovar, Aragua, Venezuela; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Eschweilera* sp.

References: **(tx)** Wood, S. L. 1971: 47, 1986a: 98.

Genus *Spermophthorus* Costa Lima

SPERMOPHTHORUS COSTA LIMA 1929: 111. Type-species: *Spermophthorus apuleiae* Costa Lima, monobasic.

References: **(hb)** Wood, S. L. 1986: 98. **(ds)** Wood, S. L. 1986: 98. **(tx)** Blackman 1942a: 178; Costa Lima 1929: 111–112; Schedl 1937h: 165, 1938a: 160, 168; Wood, S. L. 1982b: 963–965, 1986a: 98.

aberrans Wood 1968b: 11. Holotype ♂; 6 km S San Vito, Puntarenas, Costa Rica; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: 3.5 x 4.5 cm gall found on forest floor.

References: **(hb)** Wood, S. L. 1982b: 964. **(ds)** Wood, S. L. 1982b: 964. **(tx)** Wood, S. L. 1968b: 11, 1982b: 964.

apuleiae Costa Lima 1929: 111. Syntypes ♂ ♀; Campos, Estado do Rio, Brasil; Inst. Oswaldo Cruz, Rio de Janeiro.

Distribution: South America (Argentina/ Brazil).

Hosts: *Apuleia forrea* seeds.

References: **(cn)** Costa Lima 1956. **(hb)** Costa Lima 1956. **(ds)** Costa Lima 1936, 1956. **(tx)** Blackman 1942a: 203–204; Costa Lima 1929: 111, 1956; Schedl 1938a: 162, 1964m: 311; Wood, S. L. 1986a: 98.

vianai Schedl 1938i: 27 (*Conophthocranulus*).

Syntypes ♂ ♀; Argentinien, Prov. Salta; Viana Collection, and Schedl Collection in NHMW, Wien. Synonymy: Schedl 1964m: 311.

Notes: (1) Schedl 1979c: 267 (citation of holotype invalid).

References: **(hb)** Viana 1964: 125. **(ds)** Viana 1964: 125. **(tx)** Schedl 1938i: 27, 1939m: 169, 1964m: 311, 1979c: 267.

caesalpiniae Blackman 1942a: 203. Holotype ♀; Paraguay; USNM, Washington.

Distribution: South America (Brazil/ Paraguay).

Hosts: *Caesalpinia melanocarpa*.

References: **(cn)** Costa Lima 1956. **(hb)** Costa Lima 1956. **(ds)** Costa Lima 1956. **(tx)** Blackman 1942a: 203; Costa Lima 1956.

Genus *Pseudopityophthorus* Swaine

PSEUDOPITYOPHTHORUS SWAINE 1918a: 93. Type-species: *Crypturgus minutissimus* Zimmermann, original designation.

Xenophthorus Wood & Yin 1986: 462. Type-species: *Pseudopityophthorus peregrinus* Wood & Yin, original designation. Used as a subgenus for this Asiatic species.

References: **(tx)** Wood, S. L. & Yin 1986: 462.

Keys: Swaine 1918a: 93, Blackman 1931a: 225, Wood 1982b: 966.

Notes: (3) Blackman 1931a and Wood 1982b: 965–982 (revision of genus).

References: **(ay)** Nobuchi 1969a: 67. **(cn)** Rexrode 1967: 755–757, 1969a: 448–449. **(ec)** Rexrode 1969a: 448–449. **(hb)** Anderson, R. F. 1960: 243; Bright & Stark 1973: 101; Cowlin 1956: 35–36; Griswold & Neiswander 1953: 208; Gruenfeld et al. 1956: 92–93; McGinnies 1958: 47; Orr 1955: 4, 7; Rexrode & Krause 1968: 1340–1341; Stambough 1955: 867–871; Whiteside 1957: 2, 20; Wood, S. L. 1982b: 965, 1986a: 98. **(ds)** Anderson, R. F. 1960: 243; Bright & Stark 1973: 101; Leng & Mutchler 1933: 95; Wood, S. L. 1982b: 965, 1986a: 98. **(tx)** Anderson, R. F.

- 1960: 243; Arnett 1960: 1045; Beal & Massey 1945: 60, 121; Blackman 1922b: 98–99, 1928b: 6–16, 1931a: 223–236, 1942a: 178; Bright 1976d: 176; Bright & Stark 1973: 101; Chamberlin 1939: 346–353; Dodge 1938: 19; Schedl 1938a: 158, 163, 168; Swaine 1918a: 93; Wood, S. L. 1961a: 48, 1967d: 37–57, 1982b: 965–982, 1986a: 98; Wood, S. L. & Yin 1986: 462.
- agrifoliae** Blackman 1931a: 230. Holotype ♂; Golden Gate Park, San Francisco, California [USA]; USNM, Washington.
Distribution: North America (S Arizona, California in USA).
Hosts: *Quercus agrifolia*, *Q. kelloggii*, *Q. wislizenii*, *Q. sp.*
References: (hb) Bright & Stark 1973: 101; Chamberlin 1939: 350; Wood, S. L. 1982b: 975. (ds) Atkinson & Equihua 1988: 100; Bright & Stark 1973: 101; Chamberlin 1939: 350; Leng & Mutchler 1933: 95; Wood, S. L. 1982b: 975. (tx) Blackman 1931a: 230; Chamberlin 1939: 350; Wood, S. L. 1967d: 42, 1982b: 975.
- asperulus** (LeConte) 1868: 155 (*Cryphalus*). Holotype ♂; Virginia [USA]; MCZ, Cambridge.
Figures: Blackman 1922b: pl. 1, fig. 4.
Distribution: North America (Connecticut, District of Columbia, Florida, Georgia, Illinois, Louisiana, Maine, Massachusetts, Mississippi, Missouri, New Jersey, New York, North Carolina, Pennsylvania, Tennessee, E Texas, West Virginia in USA).
Hosts: *Quercus nigra*, *Q. rubra*, *Q. velutina*, *Q. sp.*, rare and not persistent in *Betula populifera*, *Castanea dentata*, *Ostrya virginiana*.
Notes: (1) Blackman 1931a: 224 (to *Pseudopityophthorus*). (3) Blackman 1931a: 226 (re-described).
References: (bv) Atkinson, Foltz, & Connor 1988; Roling & Kearby 1975b, 1977. (cn) Blackman 1950; Doane et al. 1936; Felt 1906: 726; Packard 1890: 720; Roling & Kearby 1977. (ec) Roling & Kearby 1977; Steinhaus 1946: 404. (hb) Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 256; Beal & Massey 1945: 124; Blackman 1950; Chamberlin 1939: 349; Chittenden 1890; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Hubbard 1897; Packard 1890: 720; Schwarz 1888a: 80; Wood, S. L. 1982b: 971. (ds) Atkinson et al. 1991: 163; Baker, W. L. 1972: 256; Beal & Massey 1945: 124; Blackman 1950; Blatchley & Leng 1916: 647; Bright 1976d: 177; Chamberlin 1939: 349; Chittenden 1890; Deyrup 1981b: 8, 1987a: 66; Dorsey & Leach 1955: 224; Drooz 1985: 363; Gemminger & Harold 1872: 2684, 2688; Hagedorn 1910d: 96; Henshaw 1885: 147; Hubbard & Schwarz 1878b: 626; Kleine 1913b: 145, 158, 1914b: 394, 1934a: 165; Leng 1920: 340; Schwarz 1886: 40, 1888a: 80; Swaine 1909: 108; Ulke 1902: 56; Weber, B. C. & McPherson 1991: 54; Wood, S. L. 1982b: 971. (tx) Beal & Massey 1945: 124; Blackman 1931a: 224–228, 1931b: 266; Blatchley & Leng 1916: 647; Bright 1976d: 177; Chamberlin 1939: 349; Eichhoff 1878b: 202; Hagedorn 1910a: 147; Hubbard & Schwarz 1878a: 666; LeConte 1868: 155, 1876: 350; Swaine 1909: 108, 1918a: 91–92; Wood, S. L. 1959b: 2, 1982b: 971. *gracilis* Blackman 1921: 6. Lectotype ♂; Natchez, Mississippi [USA]; USNM, Washington, designated by Wood 1982b: 971. Synonymy: Blackman 1931a: 228.
References: (hb) Blackman 1922b: 99–100. (ds) Blackman 1922b: 99–100; Henshaw 1882i: 268; Kleine 1934a: 162; Leng & Mutchler 1927: 52. (tx) Blackman 1921: 6–7, 1922b: 99–100, 1931a: 224–228.
- cinnatus** (Blandford) 1904: 242 (*Pityophthorus*). Holotype ♀; Quiche Mts., Guatemala, 7–9000 ft.; BMNH, London.
Distribution: North America (Guatemala).
References: (ds) Hagedorn 1910d: 70; Kleine 1913b: 140; Wood, S. L. 1982b: 973. (tx) Blandford 1904: 242; Bright 1981d: 328; Hagedorn 1910a: 100; Schedl 1955g: 17; Wood, S. L. 1982b: 973.
- colombianus** Wood 1971: 51. Holotype ♂; Piedras Blancas, 10 km E Medellin, Antioquia, Colombia; Wood Collection.
Distribution: South America (Colombia).
Hosts: *Quercus humboldtii*.
References: (tx) Wood, S. L. 1971: 51, 1982b: 966.
- comosus** Bright 1972c: 1670. Holotype ♂; Highway 131, 178 km S Oaxaca, Oaxaca, Mexico; CNCI, Ottawa.
Figures: Bright 1972c: 1669, 1675.
Distribution: North America (Oaxaca in Mexico).
Hosts: *Quercus sp.*
References: (ds) Wood, S. L. 1982b: 978. (tx) Bright 1972c: 1669–1670; McNamara 1977: 198; Wood, S. L. 1982b: 978.
- declivis** Wood 1971: 50. Holotype ♀; Laguna Santa Maria, Nayarit, Mexico; Wood Collection.
Distribution: North America (Chiapas, Jalisco, Nayarit, Oaxaca in Mexico).
Hosts: *Quercus sp.*
References: (hb) Wood, S. L. 1982b: 969. (ds) Atkinson & Equihua 1985c: 358; Schedl 1977e: 42; Wood, S. L. 1982b: 969. (tx) Wood, S. L. 1971: 50, 1973c: 184, 1982b: 969.
- truncatus** Bright 1972c: 1673. Holotype ♂; 184 km S Oaxaca, Oaxaca, Mexico; CNCI, Ottawa.
Synonymy: Wood 1973c: 184.
References: (tx) Bright 1972c: 1673–1675; McNamara 1977: 199; Wood, S. L. 1973c: 184.
- curtus** Bright 1972c: 1674. Holotype ♀; 13 km N Ocosingo, Chiapas, Mexico; CNCI, Ottawa.
Synonymy: Wood 1973c: 184.
References: (tx) Bright 1972c: 1674–1675; McNamara 1977: 199; Wood, S. L. 1973c: 184.

denticulus Wood 1977b: 216. Holotype ♀; Boot Springs, Big Bend National Park, Brewster Co., Texas [USA]; CNCI, Ottawa.

Distribution: North America (W Texas in USA).

Hosts: *Quercus* sp.

References: (hb) Atkinson et al. 1986: 41; Burgos & Saucedo 1983: 112. (ds) Atkinson & Equihua 1985c: 358; Atkinson et al. 1986: 41; Burgos & Saucedo 1983: 112; Wood, S. L. 1982b: 971. (tx) Wood, S. L. 1977b: 216, 1982b: 971.

durangoensis Wood 1987: 549. Holotype ♂; 96 km W Durango, Durango, Mexico; Wood Collection. Distribution: North America (Durango in Mexico).

Hosts: *Quercus* sp.

References: (tx) Wood, S. L. 1987: 549.

fagi Blackman 1931a: 228. Holotype ♂; Morgantown, West Virginia [USA]; USNM, Washington. Distribution: North America (Pennsylvania, West Virginia in USA).

Hosts: *Fagus grandifolia*.

References: (ec) Felt 1906: 702. (hb) Chamberlin 1939: 349; Felt 1906: 702. (ds) Chamberlin 1939; Leng & Mutchler 1933: 95; Smith, J. B. 1910: 401; Wood, S. L. 1982b: 975. (tx) Blackman 1931a: 225–229; Chamberlin 1939: 349; Wood, S. L. 1982b: 975.

festivus Wood 1974a: 55. Holotype ♂; 11 km NE Copala, Sinaloa, Mexico; Wood Collection.

Distribution: North America (Sinaloa in Mexico).

Hosts: *Quercus* sp.

References: (hb) Wood, S. L. 1982b: 980. (ds) Wood, S. L. 1982b: 980. (tx) Wood, S. L. 1974a: 55, 1982b: 980.

granulatus Blackman 1931a: 230. Holotype ♂; Prescott National Forest, Arizona [USA]; USNM, Washington.

Distribution: North America (Arizona in USA).

Hosts: *Quercus hypoleucoides*, *Q.* spp.

References: (hb) Chamberlin 1939: 350; Wood, S. L. 1982b: 970. (ds) Chamberlin 1939: 350; Leng & Mutchler 1933: 95; Wood, S. L. 1982b: 970. (tx) Blackman 1931a: 225, 227, 230; Chamberlin 1939: 350; Wood, S. L. 1967d: 42, 1982b: 970.

granulifer Wood 1967d: 42. Holotype ♀; Zamorano, Morazan, Honduras; Wood Collection.

Distribution: North America (Guatemala/ Honduras/ Chiapas in Mexico).

Hosts: *Quercus hondurensis*, *Q. sapotaefolia*.

References: (ec) Bright 1976a. (hb) Wood, S. L. 1982b: 970. (ds) Bright 1972c: 1679; Wood, S. L. 1982b: 970. (tx) Wood, S. L. 1967d: 42–43, 1982b: 970.

hispidus Eggers 1930a: 170. Holotype ♀; labeled "R.d.M. Mexico," published as Valle de Mexico, Mexico; MNB, Berlin.

Distribution: North America (Distrito Federal in Mexico).

References: (ds) Atkinson & Equihua 1985a: 90; Blackwelder 1947: 782; Ferrer 1942; Wood, S. L. 1982b: 968. (tx) Eggers 1930a: 170; Schedl 1940a: 348, 1979c: 118; Wood, S. L. 1982b: 968.

hondurensis Wood 1967d: 42. Holotype ♂; Buenos Aires, Cortes, Honduras; Wood Collection.

Figures: Bright 1972c: 1669.

Distribution: North America (Honduras/ Chiapas in Mexico).

Hosts: *Quercus* sp.

References: (hb) Wood, S. L. 1982b: 972. (ds) Wood, S. L. 1982b: 972. (tx) Wood, S. L. 1967d: 42, 1973c: 184, 1982b: 972.

montanus Bright 1972c: 1667. Holotype ♂; Mt. Tzontehuitz, Chiapas, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 184.

References: (tx) Bright 1972c: 1667, 1669; McNamara 1977: 199; Wood, S. L. 1973c: 184.

limbatus Eggers 1930a: 169. Holotype ♀; "R.d.M.," Mexico; Eggers Collection, in NHMW, Wien.

Figures: Atkinson et al. 1986: 43.

Distribution: North America (Distrito Federal, Durango, Hidalgo, Michoacan, Oaxaca, Tlaxcala in Mexico).

Hosts: *Quercus* sp.

References: (hb) Atkinson & Equihua 1985c: 358; Burgos & Saucedo 1983: 113; Wood, S. L. 1982b: 975. (ds) Atkinson & Equihua 1985a: 89, 1985c: 358, 1988: 100; Blackwelder 1947; Burgos & Saucedo 1983: 113; Ferrer 1942; Wood, S. L. 1982b: 975. (tx) Atkinson et al. 1986: 43; Eggers 1930a: 169; Schedl 1940a: 347, 1979c: 139; Wood, S. L. 1966b: 27, 1975b: 394, 1982b: 976.

micans Wood 1967d: 44. Holotype ♂; 96 km W Durango, Durango, Mexico; Wood Collection. Synonymy: Wood 1975b: 394.

References: (hb) Thomas, J. B. 1967. (tx) de Ruette 1970: 113; Thomas, J. B. 1967; Wood, S. L. 1967d: 44–45, 1973c: 184, 1975b: 394.

minutissimus (Zimmermann) 1868: 143 (*Crypturgus*). Lectotype ♂; Carolina [USA]; MCZ, Cambridge, designated by Wood 1982b: 976.

Figures: Blackman 1922b: pl. 9, fig. 45, Bright 1976d: 204, 213.

Distribution: North America (Arkansas, District of Columbia, Florida, Georgia, Illinois, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Virginia, West Virginia, Wisconsin in USA).

Hosts: *Quercus* spp., rare and apparently not persistent in *Amelanchier* sp., *Betula* sp., *Carpinus* sp., *Carya* sp., *Fagus* sp., *Hammamelis* sp.

Notes: (3) Blackman 1931a: 231 (redescribed).

References: (ay) Hopkins 1894g. (bv) Haack, R. A., Benjamin, & Haack 1983; Rexrode 1969: 306–313; Rexrode & Jones 1972; Roling & Kearby 1975b, 1977; Turnbow & Franklin 1980. (cn)

- Anonymous 1979d; Baker, W. L. 1972: 255; Blackman 1950; Buchanan 1956: 654, 1958a: 9, 1958b: 414–415, 1958c: 646; Chittenden 1898: 78; Currie 1905: 80; Doane et al. 1936; Felt 1905: 257, 295, 1906: 295, 1926: 247–248, 1930a: 272; Felt & Rankin 1932: 359; Fitch 1858; Hopkins 1894: 277, 1898a: 105, 1904a: 24; MacAloney & Ewan 1964; McGinnies 1957: 45–47; Packard 1890: 93, 221, 720; Rexrode & Jones 1971: 108–111; Roling & Kearby 1977; Walsh 1867: 103. (**ec**) Baker, W. L. 1972: 255; Berry & Bretz 1959: 66–67, 1966; Buchanan 1956: 654, 1958a: 9, 1958b: 414–415, 1958c: 646; Burks 1979: 791; Bushing 1965: 465; Chittenden 1901; Drooz 1985: 362; Griswold 1956: 560; Griswold & Bart 1954; Griswold & Neiswander 1953, 1954: 708; Haack, R. A., Benjamin, & Haack 1983; Marsh 1979: 150; Pierce, W. D. 1908: 385; Rexrode 1969, 1976; Rexrode & Jones 1971: 108–111, 1972; Rexrode, Jones, & Jones 1972; Rexrode & Krause 1968: 814–816; Roling & Kearby 1977; Singh 1977: 101; Thewke & Enns 1968: 215–219. (**hb**) Baker, W. L. 1972: 255; Beal & Massey 1945; Blackman 1922b: 99–100, 1950; Bright 1976d: 177; Buchanan 1956, 1958b; Chamberlin 1939: 350; Chittenden 1890; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Drooz 1985: 362; Felt 1906: 295, 1926: 247–248, 1930a: 272; Felt & Rankin 1932: 359; Fitch 1858; Haack, R. A., Benjamin, & Haack 1983; Hopkins 1894g, 1899a: 343, 1904a: 24; MacAloney & Ewan 1964; McMullen et al. 1955: 491; Packard 1890: 221, 720; Pierce, W. D. 1907: 290; Rexrode 1969; Rexrode & Jones 1972; Rexrode, Jones, & Jones 1972; Rexrode & Krause 1968a; Schwarz 1888a: 113; Swaine 1918a: 93–94; Wood, S. L. 1982b: 976. (**ds**) Anonymous 1926c: 518, 1979d; Atkinson et al. 1991: 163; Beal & Massey 1945; Beaulne 1956; Blackman 1922b: 99–100, 1950; Blandford 1895b; Blatchley & Leng 1916: 628; Bright 1976d: 177; Chamberlin 1939: 350; Chittenden 1890; Currie 1905; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66; Dodge 1938; Drooz 1985: 362; Felt 1926: 247–248, 1930a: 247, 272; Felt & Rankin 1932: 359; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 72; Henshaw 1885: 147; Hopkins 1893a: 129, 149, 1893b: 208; Hubbard & Schwarz 1878a: 665; Kirk 1970; Kleine 1913b: 140, 1914b: 392, 1934a: 162; Leng 1920: 341; Leonard 1928: 518; Rexrode 1969; Rexrode & Jones 1972; Schwarz 1886: 40, 1888a: 113; Smith, J. B. 1900: 362 1910: 401; Swaine 1909: 139; Turnbow & Franklin 1980; Ulke 1902: 56; Weber, B. C. & McPherson 1991: 54; Wickham 1896c: 168; Wood, S. L. 1982b: 976. (**tx**) Beal & Massey 1945; Benoit 1985: 211; Blackman 1921: 6–7, 1922b: 99–100, 1928b: 148, 1931a: 224–232; Blandford 1895b; Blatchley & Leng 1916: 628; Bright 1976d: 204, 213; Chamberlin 1939: 350; Dodge 1938: 16, 41; Eichhoff 1878b: 200; Green 1918: 257; Hagedorn 1910a: 101; LeConte 1868: 154, 157, 1876: 351, 1878b: 665; Schedl 1938a: 158; Schwarz 1886: 40, 1888: 56, 113, 1891a: 168; Swaine 1909: 139–140, 1918a: 93–94; Wood, S. L. 1982b: 976; Zimmermann 1868: 143. (**ms**) Rexrode & Krause 1968a. (?) *pusillus* Harris 1837: 82 (*Tomicus*). Holotype, sex?, eastern U.S.; lost.
- Notes: (1) LeConte 1868: 143 (possible synonymy with *minutissimus*). The probability of this synonymy being correct is remote, but no alternative has been suggested. Because of this uncertainty, the name *minutissimus* is retained as the name for this species.
- References: (**cn**) Fitch 1858; Packard 1890: 717. (**hb**) Fitch 1858; Packard 1890: 717. (**ds**) Gemminger & Harold 1872: 2689; Leng 1920: 341; Melsheimer 1853: 87; Swaine 1909: 140. (**tx**) Blackman 1931a: 225; Blackman & Stage 1918: 55; Eichhoff 1878b: 200; Harris 1837: 82; LeConte 1868: 143, 1876: 351; Swaine 1909: 140.
- opacicolis** Blackman 1931a: 235. Holotype ♂; Santa Catalina Mts., Arizona [USA]; USNM, Washington.
- Figures: Bright 1972c: 1675.
- Distribution: North America (Chiapas, Durango, Hidalgo, Oaxaca, Tlaxcala in Mexico/ S Arizona in USA).
- Hosts: *Quercus emoryi*, *Q.* spp.
- References: (**hb**) Atkinson et al. 1986: 42; Burgos & Saucedo 1983: 115; Chamberlin 1939: 353; Wood, S. L. 1982b: 980. (**ds**) Atkinson & Equihua 1985a: 89, 1985c: 359, 1988: 100; Atkinson et al. 1986: 42; Burgos & Saucedo 1983: 115; Chamberlin 1939: 353; Leng & Mutchler 1933: 95; Thomas, J. B. 1966. (**tx**) Blackman 1931a: 226–236; Chamberlin 1939: 353; Wood, S. L. 1959b: 1, 1967d: 44, 1973c: 185, 1982b: 980.
- aesculinus** Bright 1972c: 1672. Holotype ♀; 112 km N Oaxaca, Oaxaca, Mexico; CNCI, Ottawa.
- Synonymy: Wood 1973c: 185.
- References: (**tx**) Bright 1972c: 1672, 1675; McNamara 1977: 198; Wood, S. L. 1973c: 185.
- peregrinus** Wood & Yin 1986: 462. Holotype ♀; Zayu, Xizang (Tibet), China; IZAS, Beijing.
- Distribution: Asia (Xizang [Tibet] in China).
- Hosts: *Quercus* sp.
- Notes: (1) This species is in the subgenus *Xenophthorus*.
- References: (**tx**) Wood, S. L. & Yin 1986: 462.
- pruinus** (Eichhoff) 1878b: 198 (*Pityophthorus*). Lectotype ♂; published as “Carolina,” labeled “Am. bor., No. 11” [USA]; USNM, Washington, designated by Wood 1982b: 979.
- Figures: Blackman 1922b: pl. 9, fig. 46, Bright 1972c: 1675.
- Distribution: North America (Guatemala/ Honduras/ Durango, Michoacan, Oaxaca, Sinaloa, Veracruz in Mexico/ Alabama, Arizona, Arkansas,

District of Columbia, Florida, Georgia, Louisiana, Maryland, Michigan, Mississippi, New Jersey, New York, North Carolina, Oklahoma, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, West Virginia in USA).

Hosts: *Quercus hondurensis*, *Q. hypoleucoides*, *Q. marylandica*, *Q. nigra*, *Q. sapotaefolia*, *Q. spp.*

Notes: (3) Blackman 1931a: 232 (redescribed).

References: (bv) Rexrode 1969; Rexrode & Jones 1972; Roling & Kearby 1975b, 1977; Turnbow & Franklin 1980. (cn) Anonymous 1971e; Blackman 1950; Chamberlin 1924; Doane et al. 1936; Dorsey et al. 1953: 419–420; Griswold 1955: 23–24; Hopkins 1903: 318; Rexrode & Jones 1971; Rexrode, Kulman, & Dorsey 1965; Roling & Kearby 1977; Swaine 1918a: 94. (ec) Burks 1979: 856; Bushing 1965: 465; Funk, D. W., Brooks, & Butler 1973; Griswold 1955: 23–24; Griswold & Bart 1954: 591; Griswold & Neiswander 1953: 208, 1954; Jewell 1956: 255; Marsh 1979: 150; Poinar 1975: 167; Rexrode 1969, 1976; Rexrode & Jones 1971, 1972; Rexrode, Jones, & Jones 1972; Rexrode, Kulman, & Dorsey 1965; Roling & Kearby 1977; Singh 1977: 101; Stambaugh et al. 1955: 867. (hb) Atkinson et al. 1986: 42; Baker, W. L. 1972: 256; Beal & Massey 1945: 122; Blackman 1922b: 99–100, 1950; Bright 1976d: 178; Burgos & Saucedo 1983: 113; Chamberlin 1939: 351; Doane et al. 1936; Hopkins 1904b: 314; Ostmark 1968; Rexrode 1969; Rexrode & Jones 1972; Rexrode, Jones, & Jones 1972; Rexrode & Krause 1968a; Rexrode, Kulman, & Dorsey 1965; Swaine 1918a: 94; Wood, S. L. 1982b: 979. (ds) Anonymous 1926c: 518; Atkinson & Equihua 1985c: 358; Atkinson et al. 1986: 42, 1991: 163; Baker, W. L. 1972: 256; Beal & Massey 1945: 122; Blackman 1922b: 99–100, 1950; Blatchley & Leng 1916: 629; Bright 1976d: 178; Burgos & Saucedo 1983: 113; Chamberlin 1939: 351; Deyrup 1981b: 8; Dorsey & Leach 1956: 220; Hagedorn 1910d: 73; Kirk 1969, 1970; Kleine 1913b: 140, 1914b: 384, 1934a: 162; Leng 1920: 341; Leonard 1928: 518; Norris 1955: 252; Ostmark 1968; Rexrode 1969; Rexrode & Jones 1972; Swaine 1909: 137; Turnbow & Franklin 1980; Wood, S. L. 1982b: 979. (tx) Beal & Massey 1945: 122; Blackman 1922b: 99–100, 1928b: 148, 1931a: 224–233; Blatchley & Leng 1916: 629; Bright 1976d: 178; Chamberlin 1939: 351; Drooz 1985: 363; Eichhoff 1878a: 390, 1878b: 198, 1896: 609–610; Hagedorn 1910a: 101; Schedl 1938a: 158; Swaine 1909: 137, 1918a: 93–94; Wood, S. L. 1973c: 185, 1982b: 979. (ms) Rexrode & Krause 1968a.

tomentosus Eichhoff 1878b: 201 (*Pityophthorus*). Holotype, sex?; America borealis [USA]; Ham-burg Museum, lost. Synonymy: Blackman 1931a: 225.

References: (ds) Blatchley & Leng 1916: 630; Hagedorn 1910d: 7; Kleine 1913b: 140; Leng 1920: 341; Swaine 1909: 140. (tx) Blackman

1928b: 148, 1931: 224–233; Blatchley & Leng 1916: 630; Eichhoff 1878a: 390, 1878b: 201; Hagedorn 1910a: 101; Swaine 1909: 140.

querciperda Schwarz 1888a: 56 (*Pityophthorus*). Syntypes, sex?; New York to Florida [USA]; USNM, Washington. Synonymy: Eichhoff 1896: 609.

References: (cn) Packard 1890: 93. (ec) Felt 1906: 702. (hb) Chittenden 1890; Felt 1906: 702; Packard 1890: 93; Pierce, W. D. 1907: 291; Schwarz 1888a: 56. (ds) Chittenden 1890; Henshaw 1887: 8, 1895: 44; Leng 1920: 341; Schwarz 1888a: 56; Smith, J. B. 1900: 362, 1910: 401; Swaine 1909: 137. (tx) Blackman 1931a: 224–231; Eichhoff 1896: 609–610; Schwarz 1888a: 56; Swaine 1909: 137, 1918: 94.

pulvereus Blackman 1931a: 232. Holotype ♂; Chiricahua Reserve, Arizona [USA]; USNM, Washington. Synonymy: Wood 1973c: 185.

References: (hb) Bright & Stark 1973: 102; Chamberlin 1939: 351. (ds) Bright & Stark 1973: 102; Chamberlin 1939: 351; Leng & Mutchler 1933: 95; Wood, S. L. 1960b: 69. (tx) Blackman 1931a: 232; Chamberlin 1939: 351; Wood, S. L. 1959b: 1; 1967d: 43, 1973c: 185.

tropicalis Wood 1967d: 43. Holotype ♂; Zamorano, Morazan, Honduras; Wood Collec-tion. Synonymy: Wood 1967d: 43–44, 1973c: 185. References: (tx) McNamara 1977: 199; Wood, S. L. 1967d: 43, 1973c: 185.

convexus Bright 1972c: 1672. Holotype ♂; 184 km S Oaxaca, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 185.

References: (tx) Bright 1972c: 1672, 1675; McNamara 1977: 199; Wood, S. L. 1973c: 185.

pubescens Blackman 1931a: 229. Holotype ♂; Tryon, North Carolina [USA]; USNM, Washington. Distribution: North America (Maryland, North Carolina, Oklahoma, Virginia in USA).

Hosts: *Quercus alba*, *Q. borealis*, *Q. rubra*, one record from *Castanea dentata*.

References: (bv) Turnbow & Franklin 1980. (cn) Hopkins 1904a: 16. (hb) Baker, W. L. 1972: 256; Beal & Massey 1945. (ds) Atkinson et al. 1991: 163; Baker, W. L. 1972: 256; Beal & Massey 1945; Chamberlin 1939: 349; Drooz 1985: 363; Leng & Mutchler 1933: 95; Rexrode 1969: 307; Turnbow & Franklin 1980; Wood, S. L. 1982b: 974. (tx) Beal & Massey 1945; Blackman 1931a: 229; Chamberlin 1939: 349; McNamara 1984: 759; Wood, S. L. 1982b: 974.

pubipennis (LeConte) 1860: 59 (*Bostrichus*). Lectotype ♀; San Jose, California [USA]; MCZ, Cambridge, designated by Wood 1982b: 981. Figures: Bright 1973: 161.

Distribution: North America (California, Oregon in USA).

Hosts: *Quercus agrifolia*, *Q. garrayana*, *Q. kelloggii*.

Notes: (1) Swaine 1918a: 93 (to *Pseudopityophthorus*). (3) Blackman 1931a: 234 (re-described).

References: (cn) Anonymous 1960q, 1961p, 1963q, 1964m, 1964n, 1965b, 1965f; Currie 1905: 71; Doane et al. 1936; Essig 1926: 519, 1958: 519; Herbert 1936: 41; Hopkins 1904a: 16; Keen 1938: 132, 1952c: 169; Packard 1890: 93; Swaine 1918a: 93. (ec) Bushing 1965: 203; Keen 1938: 132; Marsh 1979: 15. (hb) Bright 1976d: 179; Bright & Stark 1973: 102; Chamberlin 1939: 352, 1958: Chittenden 1890; Doane et al. 1936; Essig 1926: 519, 1958: 519; Hopkins 1904a: 16; Keen 1938: 132, 1952c: 169; Packard 1890: 93; Pierce, W. D. 1907: 290; Swaine 1918a: 93. (ds) Anonymous 1961p, 1965b, 1965f; Blackwelder 1947: 782; Blandford 1904; Bright 1976d: 179; Bright & Stark 1973: 102; Chamberlin 1917: 354, 1939: 352, 1958; Chittenden 1890; Currie 1905: 71; Essig 1926: 519, 1958: 519; Furniss, R. L. & Carolin 1977: 402; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 74; Henshaw 1882: 268, 1885: 147; Keen 1929a: 34, 1938: 132, 1949a: 93, 1952c: 169; Kleine 1913b: 140, 1914b: 391, 1934a: 162; Lacordaire 1866: 383; Leng 1920: 341; Patterson & Hatch 1945: 152; Wood, S. L. 1972a: 634, 1982b: 981. (tx) Benoit 1986: 36; Blackman 1928b: 148, 1931a: 224–235; Blandford 1904: 243; Bright & Stark 1973: 161, 1976d: 179; Chamberlin 1939: 352, 1958; Eggers 1930a: 159; Eichhoff 1878b: 197; Ferrari 1867: 17; Hagedorn 1910a: 101; Keen 1929a: 34; Lacordaire 1866: 383; LeConte 1857: 22, 59, 1860: 59, 1868: 156, 1876: 351; Schedl 1938a: 158; Swaine 1909: 137–138, 1918a: 93; Wood, S. L. 1972a: 425, 1982b: 981.

singularis Wood 1971: 50. Holotype ♂; 1 km W Las Vigas, Veracruz, Mexico; Wood Collection.
Distribution: North America (Chiapas, Veracruz in Mexico).

Hosts: *Quercus* sp.

References: (ds) Atkinson & Equihua 1985c: 358; Wood, S. L. 1982b: 973. (tx) Wood, S. L. 1971: 50, 1973c: 185, 1982b: 973.

acuminatus Bright 1972c: 1671. Holotype ♂; 13 km NE San Cristobal de las Casas, Chiapas, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 185.

References: (tx) Bright 1972c: 1669–1671; McNamara 1977: 198; Wood, S. L. 1973c: 185.

squamosus Bright 1972c: 1670. Holotype ♀; 14 km W La Ciudad, Durango, Mexico; CNCI, Ottawa. Figures: Bright 1972c: 1669.

Distribution: North America (Durango, Sinaloa in Mexico).

Hosts: *Quercus* sp.

References: (ds) Atkinson & Equihua 1985c: 358; Wood, S. L. 1982b: 978. (tx) Bright 1972c: 1669–1670; McNamara 1977: 199; Wood, S. L. 1973c: 184, 1982b: 978.

tenuis Wood 1959b: 1. Holotype ♂; 18 km NE Jacala, Hidalgo, Mexico; SMUK, Lawrence.

Figures: Bright 1972c: 1669.

Distribution: North America (Chiapas, Hidalgo, Veracruz in Mexico).

Hosts: *Quercus* sp.

References: (hb) Wood, S. L. 1982b: 974. (ds) Bright 1972c: 1679; Thomas, J. B. 1966; Wood, S. L. 1982b: 974. (tx) Wood, S. L. 1959b: 1–2, 1973c: 185, 1982b: 974.

hirsutus Bright 1972c: 1668. Holotype ♂; 8 km SE Teopisca, Chiapas, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 185.

References: (tx) Bright 1972c: 1668–1669; McNamara 1977: 199; Wood, S. L. 1973c: 185.

virilis Wood 1971: 50. Holotype ♂; 1 km W Las Vigas, Veracruz, Mexico; Wood Collection.

Distribution: North America (Hidalgo, Veracruz in Mexico).

Hosts: *Quercus* sp.

References: (hb) Wood, S. L. 1982b: 971. (ds) Atkinson & Equihua 1985c: 358; Wood, S. L. 1982b: 971. (tx) Wood, S. L. 1971: 50, 1982b: 971.

xalapae Wood 1987: 549. Holotype ♂; Xalapa, Veracruz, Mexico; Wood Collection.

Distribution: North America (Veracruz in Mexico).

Hosts: Presumably from *Quercus* sp.

References: (tx) Wood, S. L. 1987: 549.

yavapaii Blackman 1931a: 233. Holotype ♂; Prescott National Forest, Arizona [USA]; USNM, Washington.

Distribution: North America (Chihuahua in Mexico/ Arizona, W Texas in USA).

Hosts: *Quercus griseus*, *Q. hypoleucoides*, *Q. spp.*
References: (hb) Chamberlin 1939: 352; Wood, S. L. 1982b: 982. (ds) Atkinson et al. 1991: 163; Chamberlin 1939: 352; Furniss, R. L. & Carolin 1977: 403; Leng & Mutchler 1933: 95; Wood, S. L. 1960b: 69, 1982b: 982. (tx) Blackman 1931a: 233; Chamberlin 1939: 352; Wood, S. L. 1959b: 1, 1960b: 69, 1982b: 982.

Genus *Pityophthorus* Eichhoff

PITYOPHTHORUS EICHHOFF 1864b: 39. Type-species: *Bostrichus lichtensteini* Ratzeburg, subsequent designation by Hopkins 1914: 127.

Trigonogenius Hagedorn 1912c: 354. Type-species: *Trigonogenius fallax* Hagedorn, monobasic, preoccupied by Solier 1849. Synonymy: Schedl 1952d: 347.

References: (tx) Hagedorn 1912c: 354; Lucas 1920: 683; Schedl 1952d: 347.

Hagedornus Lucas 1920: 683. Type-species: *Trigonogenius fallax* Hagedorn, automatic. Synonymy: Schedl 1952d: 347.

References: (tx) Lucas 1920: 683; Schedl 1952d: 347.

Myeloborus Blackman 1928b: 16. Type-species:

- Pityophthorus ramiperda* Swaine, original designation. Synonymy: Bright 1977: 511.
References: (tx) Arnett 1960: 1040, 1045, 1968: 1040, 1045; Blackman 1928b: 3–16, 1942a: 178, 199; Bright 1977: 511, 1978: 167; Bright & Stark 1973: 96; Chamberlin 1939: 338–343, 1958: 143; Craighead 1950: 331; Dodge 1938: 15, 41; Furniss & Carolin 1977: 398; Murayama 1963: 390; Sawamoto 1942: 166; Schedl 1935h: 342, 1937h: 165, 1938a: 159–167, 1959r: 42, 1964m: 311; Wood, S. L. 1961a: 47, 1972a: 424.
- Gnathophorus* Schedl 1935h: 342. Type-species: *Gnathophorus sparsepilosus* Schedl, preoccupied by Kirby 1837. Synonymy: Wood 1975b: 391.
References: (tx) Schedl 1935h: 342; Wood, S. L. 1962: 76, 1975b: 391.
- Conophthocranulus* Schedl 1935h: 343. Type-species: *Conophthocranulus blackman* Schedl, monobasic. Synonymy: Wood 1982b: 963.
References: (tx) Schedl 1935h: 343, 1937h: 165, 1938a: 160–168, 1950i: 146, 1955e: 258; Wood, S. L. 1982b: 963.
- Breviophthorus* Schedl 1938a: 176. Type-species: *Breviophthorus brasiliensis* Schedl, monobasic. Synonymy: Wood 1984b: 227.
References: (tx) Schedl 1938a: 160, 166, 176–177, 1958f: 33–46, 1959m: 545–557; Wood, S. L. 1984b: 227.
- Pityophthoroides* Blackman 1942a: 199. Type-species: *Pityophthoroides pudens* Blackman, original designation. Synonymy: Wood 1977b: 207.
References: (tx) Blackman 1942a: 178, 199; Schedl 1964m: 311; Wood, S. L. 1977b: 207.
- Cladoborus* Sawamoto 1942: 165. Type-species: *Cladoborus arakii* Sawamoto, monobasic. Synonymy: Bright 1977d: 511.
References: (tx) Bright 1977d: 511; Murayama 1963c: 390; Sawamoto 1942: 165–167; Schedl 1959r: 421.
- Neomips* Schedl 1954b: 37. Type-species: *Neomips brasiliensis* Schedl = *Pityophthorus dimorphus* Schedl, monobasic. Synonymy: Wood 1984b: 227.
References: (tx) Schedl 1954b: 37; Wood, S. L. 1984b: 227.
- Ctenyophthorus* Schedl 1955g: 26. Type-species: *Ctenyophthorus glabratus* Schedl, monobasic. Synonymy: Bright 1977d: 511.
References: Bright 1977d: 511; Schedl 1955g: 26, 1963a: 162, 1964m: 311; Schwerdtfeger 1957: 494–508.
- Gnathophthorus* Wood 1962: 76. Type-species: *Gnathophthorus sparsepilosus* Schedl, automatic. Synonymy: Wood 1975b: 391.
References: (tx) Wood, S. L. 1962: 76, 1975b: 391.
- Hypopityophthorus* Bright 1981d: 14. Type-species: *Pityophthorus inops* Wood, original designation. Synonymy: Wood 1983a: 648.
References: (tx) Bright 1981d: 14; Wood, S. L. 1983a: 648.
- Keys: Blackman 1928b for Canada and USA, Bright 1981d and Wood 1982b: 991 for North and Central America, Blandford 1904: 235 for Mexico and Central America, Pfeffer 1976: 334 for Europe and part of Asia, Yin, Huang, & Li 1984: 119 for China.
- References: (ay) Fuchs 1912: 14–33; Nobuchi 1969a: 67; Van Ryn-Tournel 1975. (bv) Chow et al. 1988; Schedl 1960f: 11. (cn) Bess 1944: 14–16; Blackman 1950: 295–330; Caesar 1910: 17; Felt 1906: 372–373, 1924: 272; Furniss, R. L. & Carolin 1977: 401; Haddow & Newman 1942: 1–17; Harper & Lockwood 1959: 116–128; Keen 1928: 53–54; Kondo & Taylor 1985: 42; Parr 1943: 419; Schultz & Kliejunas 1981; Zivoinovic 1948: 65–73; Zolk 1935: 258–294. (cc) Ashraf & Barryman 1969: 13; Balazy & Michalski 1964a; McCain, Koehler, & Tjosvold 1987; Nickle 1976b; Tomalak, Welch, & Garroway 1989b. (hb) Bright 1981d; Bright & Stark 1973: 103; Escherich 1923: 446, 476–477, 555, 619; Fisher 1937: 118; Formanek 1907: 33, 37–38; Judeich & Nitsche 1895: 448, 451; Karpinski 1933: 290–302; Keen 1933: 297, 1953: 37, 154; Lengerken 1939: 68, 75–76; Lloyd 1908: 124; Lugger 1899: 299; Lyons 1957: 163; Muesebeck 1938: 281–287; Munro 1946: 7–8, 43, 63; Rice 1968: 53–56; Schedl 1962j: 1, 1977b: 106; Scheidter 1934; Schwerdtfeger 1957: 494; Trappen 1935: 143; Wichmann 1927: 348, 362, 374; Wood, D. L. & Stark 1968: 147; Wood, S. L. 1982b: 991, 1986a: 98. (ds) Beeson 1941: 364, 366, 379; Bertolini 1872: 201; Blackwelder 1947: 781; Bright 1981d, 1982a: 127; Bright & Stark 1973: 103; Chamberlin 1917: 353–356, 1918: 15; Duffy 1953: 9, 14; Fowler 1882: 262; Hagedorn 1910d: 69–75; Jacobson 1927: 463–478; Kostin 1973: 261; Leng 1920: 341; Luigioni 1929: 1000; Martin 1965: 40–43; Pfeffer 1976: 324, 1989a: 62; Rio Mora 1985; Rohwer 1917: 151–176; Schedl 1934f: 1643, 1960f: 11, 34, 1962j: 7, 1966b: 41, 1981b: 76; Scheerpeltz & Winkler 1930: 258; Scherdlin 1914: 255, 1920: 206; Schilsky 1888: 121; Schwarz 1885: 40; Swaine 1909: 82, 133–134; Tredl 1907: 14; Van Dyke 1922: 180; Westhoff 1882: 238; Wood, S. L. 1982b: 991, 1986a: 98. (tx) Arnett 1960: 1040, 1045, 1968: 1040, 1045; Baker, W. L. 1972: 254; Balachowsky 1949a: 232; Barbey 1901: 74; Beal & Massey 1945: 125, 135; Bedel 1888b: 396, 398; Blackman 1922b: 77, 100–102, 1928b: 1–183, 1932: 264–265, 1942a: 177, 1943: 24; Blandford 1891: 15–16, 1894b: 260, 1894d: 55, 87, 1895b: 81, 84–86, 1897a: 183–184, 1904: 231–237; Blatchley & Leng 1916: 627–628; Bright 1968c: 604–608, 1972d: 86–87, 1976d: 179, 1977: 511, 1978, 1981d: 1–377; Bright & Stark 1973: 103;

- Chamberlin 1939: 353–402, 1958: 146–148; Choo 1983: 75; Choo, Woo, & Nobuchi 1988b; Costa Lima 1929: 111–112; Dodge 1938: 15, 19, 42–43; Eggers 1914: 183, 1937: 80, 1940a: 123–141, 1940b: 99–108; Eichhoff 1864: 39, 1872b: 137, 1878b: 35, 47, 49, 173, 476, 1881a: 49, 192, 1883a: 107, 110; Ferrari 1867a: 32–35, 1867b: 114; Feytaud 1950: 9; Hagedorn 1906: 116, 1907: 260, 1909: 138, 1910a: 88–89, 99–101, 1912: 354, 1913a: 29, 1913b: 253; Hopkins 1914: 127, 134, 1915c: 173–226; Hopping 1922: 128–134; Keen 1958: 98, 159–164; Krivolutsкая 1958: 163; Kurenzov 1941: 71, 180; Lacordaire 1866: 373, 381–382; LeConte 1876: 347, 349–352; LeConte & Horn 1883: 517; Lekander 1962: 431; Lindemann 1876: 148–168, 345; Murayama 1953: 11, 1957: 590, 1963c: 375; Niisima 1911: 1, 1917: 1; Nunberg 1954: 6, 11, 68; Nusslin 1898: 281, 1911, 1912; Pfeffer 1940: 107–127, 1946: 113, 1962: 240, 244, 1976: 324; Redtenbacher 1874: 379; Reitter 1869: 154, 1894: 68, 75–76, 1906: 711, 1913a: 92, 1916: 297; Rio Mora 1985; Saalas 1914: 74, 86; Sawamoto 1942: 166; Schedl 1930: 195–199, 1931: 163–168, 1935j: 342–343, 1936h: 59, 1938a: 158–183, 1940a: 348, 1951m: 114, 1952d: 347, 1954b: 37, 1955g: 4, 1956a: 31, 1957d: 77, 1958d: 187–193, 1958k: 144, 1959m: 545, 557, 1960i: 106, 1961i: 224, 1962j: 104, 1963h: 264–265, 1964m: 310–311, 1965f: 3–15, 1969e: 157, 1970e: 93, 1977b: 106, 1981b: 76; Schimitschek 1937: 50–55; Sedlaczek 1935: 155, 157; Spessivtsev 1922: 487, 1929: 297–303, 1931: 89; Stark 1952: 340–349; Stebbing 1914: 551; Swaine 1909: 133–134, 1913: 41–43, 87–92, 1918a: 46, 94; Stresemann et al. 1989: 351; Wachtl 1876: 460; Watson 1928: 629; Wood, S. L. 1961a: 48, 1967d: 37–57, 1972a: 435, 1975b: 391, 1977b: 207, 1982b: 991–1140, 1986a: 98.
- abbreviatus** Schedl 1972g: 63. Holotype ♂?; Brasil, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1972g: 63.
- abiegus** Wood 1964: 67. Holotype ♀; 7 km W Rio Frio, Mexico, Mexico; Wood Collection.
Distribution: North America (Jalisco, Mexico, Oaxaca, Puebla, Tlaxcala in Mexico).
Hosts: *Abies religiosa* limbs.
References: (hb) Atkinson et al. 1986: 36; Burgos & Saucedo 1983: 121; Wood, S. L. 1982b: 1097. (ds) Atkinson & Equihua 1985a: 94; Atkinson et al. 1986: 36; Bright 1981d: 165; Burgos & Saucedo 1983: 121; Wood, S. L. 1964: 67, 1982b: 1097. (tx) Bright 1981d: 165; Schedl 1979c: 8; Wood, S. L. 1964: 67.
- abietinus** Wood 1989: 178. Lectotype, sex?, S Coast (Primorsky) Region, Voroshilovsk district; ISBN, Novosibirsk, designated by Michalsky 1969a: 895, automatic.
- Distribution: Asia (E USSR).
Hosts: *Abies holophylla*.
References: (tx) Wood, S. L. 1989: 178–179.
- abietis** Kurenzov 1941: 179, 234. Lectotype, sex?, S Coast (Primorsky) Region, Voroshilovsk district; ISBN, Novosibirsk, designated by Michalsky 1969a: 895, preoccupied by Blackman 1928.
References: (hb) Karpinski 1949: 129; Krivolutsкая 1956: 838; Kurenzov 1948b: 102, 1950d: 228; Stark 1952: 357. (ds) Kleine 1934a: 158; Krivolutsкая 1956: 838; Pfeffer 1976: 340; Stark 1952: 357. (tx) Krivolutsкая 1956: 838; Kurenzov 1941a: 179, 234, 1948b: 102, 1956: 118; Michalski 1969a: 895; Nunberg 1956: 208; Pfeffer 1976: 340; Stark 1952: 357; Wood, S. L. 1989: 179.
- sibiricus** Nunberg 1956: 208. Lectotype, sex?, S Coast (Primorsky) Region, Voroshilovsk district; ISBN, Novosibirsk, designated by Michalsky 1969a: 895, automatic, preoccupied by Stark 1952.
References: (ds) Krivolutsкая 1983; Yanovskii & Tegshzhargal 1985: 410. (tx) Michalski 1969b: 569; Nunberg 1956: 208; Wood, S. L. 1989: 179.
- ablus** Bright 1985b: 476. Holotype ♀; Mexico: Pachuca, Edo. Hgo; CNCI, Ottawa.
Distribution: North America (Hidalgo in Mexico).
Hosts: *Zexmenia* sp.
References: (tx) Bright 1985b: 476.
- abnormalis** Bright 1972d: 88. Holotype ♀; Duncans, Trelawny Parish, Jamaica; CNCI, Ottawa.
Figures: Bright 1972d: 19, 59.
Distribution: Antilles Islands (Jamaica).
References: (ds) Bright 1985c: 176. (tx) Bright 1972d: 19, 59, 88, 1985c: 176; McNamara 1977: 197.
- absonus** Blackman 1928b: 35. Holotype ♀; Mineral King, California [USA]; USNM, Washington.
Figures: Bright 1981d: 362.
Distribution: North America (Alberta, British Columbia in Canada/ California, Colorado, Montana, Nevada, New Mexico, Utah in USA).
Hosts: *Abies lasiocarpa*, *Pinus albicaulis*, *P. aristata*, *P. balfouriana*, *P. contorta*, *P. flexilis*, *P. monticola*.
References: (ec) Stephen & Dahlsten 1976b: 292. (hb) Bright & Stark 1973: 107; Chamberlin 1939: 357. (ds) Bright 1981d: 230; Bright & Stark 1982b: 1037; Chamberlin 1939: 357; Evans, D. 1983: 34; Furniss, M. M. & Johnson 1987: 377; Gast et al. 1989: 385; Keen 1929a: 32; Kleine 1934a: 158; Leng & Mutchler 1933: 52. (tx) Blackman 1928b: 35; Bright 1977: 513, 1981d: 230, 362; Chamberlin 1939: 357; Evans, D. 1983: 34; Keen 1929a: 32; Wood, S. L. 1982b: 1037.
- demissus** Blackman 1928b: 74. Holotype ♀; Glacier National Park, Montana [USA]; USNM, Washington. Synonymy: Bright 1977: 513.

References: **(hb)** Chamberlin 1939: 377, 1958; **(ds)** Chamberlin 1939: 377, 1958; Keen 1929a: 32; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1948: 52, 1951a: 128, 1972a: 425. **(tx)** Blackman 1928b: 74; Bright 1977: 513; Chamberlin 1939: 377, 1958: 152; Keen 1929a: 32; Wood, S. L. 1972a: 425.

inyoensis Bright 1971b: 65. Holotype ♀; 2 km S Onion Valley, Inyo Co., California [USA]; CNCI, Ottawa. Synonymy: Bright 1977: 513. References: **(hb)** Bright & Stark 1973: 110. **(ds)** Bright & Stark 1973: 110. **(tx)** Bright 1971b: 65–66, 1977: 513; McNamara 1977: 198.

abstrusus Bright 1976c: 427. Holotype ♀; 40 km W Orizaba, Veracruz, Mexico; CNCI, Ottawa. Distribution: North America (Durango, Veracruz in Mexico).

Hosts: *Pinus ayacahuite*, *P. sp.*

References: **(ds)** Bright 1981d: 232; Wood, S. L. 1982b: 1034. **(tx)** Bright 1976c: 427, 1981d: 232; McNamara 1984: 754; Wood, S. L. 1982b: 1034.

aciculatus Bright 1977: 519. Holotype ♀; San Cristobal, Huehuetenango, Guatemala; Wood Collection.

Figures: Bright 1981d: 347.

Distribution: North America (Guatemala/ Mexico in Mexico).

Hosts: *Pinus leiophylla*, *P. pseudostrobus*.

References: **(hb)** Atkinson et al. 1986: 36; Burgos & Saucedo 1983: 117. **(ds)** Atkinson & Equihua 1985a: 94, 1988: 94; Atkinson et al. 1986: 36; Bright 1981d: 139; Burgos & Saucedo 1983: 117; Wood, S. L. 1982b: 1049 **(tx)** Bright 1977: 519, 1981d: 139, 347; McNamara 1984: 754; Wood, S. L. 1982b: 1049.

acuminatus (Schedl) 1940a: 346 (*Neopityophthorus*). Syntypes ♀; Tuxtepec, Oaxaca and Finca la Florida, Chiapas, Mexico; Schedl Collection in NHMW, Wien, and Dampf Collection.

Distribution: North America (Honduras/ Campeche, Chiapas, Oaxaca, Tabasco in Mexico).

Hosts: Log phloem.

Notes: (1) Bright 1981d: 18 (to *Pityophthorus*).

References: **(ds)** Estrada & Atkinson 1988: 212; Wood, S. L. 1982b: 1134. **(tx)** Bright 1981d: 18; Schedl 1940a: 346–347, 1979c: 11; Wood, S. L. 1982b: 1134.

acutus Blackman 1928b: 134. Holotype ♀; Kaibab N.F., Arizona [USA]; USNM, Washington. Figures: Bright 1981d: 373.

Distribution: North America (Arizona, Colorado, New Mexico, Utah in USA).

Hosts: *Pinus flexilis*, *P. leiophylla*, *P. ponderosae*, *P. strobiformis*, rare in *Pseudotsuga menziesii*.

References: **(cn)** Blackman 1931c. **(ec)** Blackman 1931c. **(hb)** Blackman 1931c; Bright 1981d: 321; Chamberlin 1939: 398. **(ds)** Bright 1981d: 321; Chamberlin 1939: 398; Keen 1929a: 33; Kleine 1934a: 158; Leng & Mutchler 1933: 52. **(tx)**

Blackman 1928b: 116, 134–136; Bright 1981d: 321, 373; Chamberlin 1939: 398; Keen 1929a: 33; Wood, S. L. 1982b: 111.

africanulus Wood 1992b: 79. Holotype, sex?; Congo: Mayumbe; MRCB, Tervuren, automatic. Distribution: Africa (Mozambique/ Zaire).

Hosts: *Klainedoxa gabonensis*.

References: **(tx)** Schedl 1962k: 1079; Wood 1992b: 79.

africanus Schedl 1962k: 1079 (*Neodryocoetes*). Holotype, sex?; Congo: Mayumbe; MRCB, Tervuren, preoccupied by Eggers 1927.

References: **(tx)** Schedl 1962k: 1079; Wood, S. L. 1992b: 79.

africanus Eggers 1927a: 184. Holotype, sex?; Kirumba bei Muansa, Ost-Africa; Methner Collection in MNB, Berlin.

Distribution: Africa (Tanzania/ Zaire).

Hosts: *Klainedoxa gabonensis*.

References: **(hb)** Schedl 1962j: 4. **(ds)** Schedl 1962j: 4. **(tx)** Eggers 1927a: 184; Schedl 1953d: 69, 1961e: 143, 1962j: 4, 1962k: 1079, 1979c: 15.

alienus Eichhoff 1872b: 135. Holotype, sex?; Brasilia; Hamburg Museum, lost.

Distribution: South America (Brazil).

References: **(ds)** Blackwelder 1947: 781; Gemminger & Harold 1872: 2688; Hagedorn 1910d: 70; Kleine 1913b: 140, 1914b: 336. **(tx)** Eichhoff 1872b: 135, 1878b: 192; Hagedorn 1910a: 100.

alni Blackman 1942a: 209. Holotype ♀; Mexico, Veracruz, Jalapa; USNM, Washington.

Distribution: North America (Hidalgo, Veracruz in Mexico).

Hosts: *Alnus* sp.

References: **(hb)** Atkinson & Equihua 1985c: 359. **(ds)** Atkinson & Equihua 1985c: 359; Blackwelder 1947: 781; Bright 1981d: 93; Wood, S. L. 1982b: 1027. **(tx)** Blackman 1942a: 209–210; Bright 1981d: 93; McNamara 1984: 754; Wood, S. L. 1982b: 1027.

alnicolens Wood 1977b: 213. Holotype ♂?; Highway 131, 184 km S Oaxaca, Oaxaca, Mexico; CNCI, Ottawa.

Distribution: North America (Oaxaca in Mexico).

Hosts: *Alnus* sp.

References: **(ds)** Bright 1981d: 94; Wood, S. L. 1982b: 1027. **(tx)** Bright 1981d: 94; Wood, S. L. 1977b: 213, 1982b: 1027.

alpinensis Hopping, G. 1960a: 865. Holotype ♀; Highwood Pass, Alberta [Canada]; CNCI, Ottawa.

Figures: Hopping 1960a: 866 (adult), Kusch 1967: 10. Distribution: North America (Alberta in Canada/ Idaho, Montana in USA).

Hosts: *Larix lyallii*.

References: **(cn)** Baranyay & Stevenson 1966: 85; Hopping 1960b: 258. **(hb)** Cast et al. 1989: 384. **(ds)** Baranyay & Stevenson 1966: 85; Bright

- 1976d: 180, 1981d: 132; Gast et al. 1989: 384; Hopping 1960b: 258; Kusch 1967; Wood, S. L. 1982b: 1054. **(tx)** Bright 1977: 516, 1981d: 132; Hopping 1960a: 865–867; Kusch 1967: 10; Wood, S. L. 1964: 59, 1982b: 1054.
- alvarengai** Schedl 1972g: 63. Holotype ♂: Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1972g: 63, 1979c: 17.
- amiculus** Wood 1975b: 398. Holotype ♂: Guapiles, Limon, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica/ Veracruz in Mexico).
Hosts: Liana.
References: **(ds)** Bright 1981d: 97; Wood, S. L. 1982b: 1030. **(tx)** Bright 1981d: 97; McNamara 1984: 754; Wood, S. L. 1975b: 398, 1982b: 1030.
- amoenus** Blandford 1904: 237. Holotype ♀: Duenas, Guatemala; BMNH, London.
Distribution: North America (Guatemala).
References: **(ds)** Blackwelder 1947: 781; Bright 1981d: 48; Hagedorn 1910d: 70; Kleine 1913b: 140, 1914b: 362; Wood, S. L. 1982b: 1062. **(tx)** Blackman 1942a: 218; Blandford 1904: 237; Bright 1981d: 48; Hagedorn 1910a: 100; Schedl 1955g: 17; Wood, S. L. 1982b: 1062.
- amplus** (Blackman) 1928b: 18 (*Myeloborus*). Holotype ♀: Kaibab N.F., Arizona [USA]; USNM, Washington.
Distribution: North America (Arizona, S Nevada, New Mexico in USA).
Hosts: *Pinus flexilis*, *P. ponderosa*, *P. strobiformis*.
Notes: (1) Bright 1977: 511 (to *Pityophthorus*).
References: **(cn)** Doane et al. 1936. **(hb)** Chamberlin 1939: 339; Doane et al. 1936. **(ds)** Bright 1981d: 203; Chamberlin 1939: 339; Furniss, R. L. & Carolin 1977: 398; Keen 1929a: 31; Leng & Mutchler 1933: 53; Wood, S. L. 1982b: 1044. **(tx)** Blackman 1928b: 3–6, 18; Bright 1977: 511, 1981d: 203; Chamberlin 1939: 339; Keen 1929a: 31; McNamara 1984: 753; Wood, S. L. 1982b: 1044.
- angustus** Blackman 1928b: 83. Holotype ♀: Cranberry Lake, New York [USA]; USNM, Washington.
Distribution: North America (New Brunswick, Nova Scotia, Ontario in Canada/ New York, North Carolina in USA).
Hosts: *Abies balsamea*, *Picea rubens*, *Pinus strobus*.
Notes: (3) Bright 1981d: 182 (This name was treated as a synonym of *balsameus*).
References: **(cn)** Blackman 1950. **(hb)** Blackman 1950. **(ds)** Blackman 1950; Bright 1976d: 185; Chamberlin 1939: 380; Kleine 1934a: 158; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 83–84; Chamberlin 1939: 380; de Ruelle 1970: 107; Wood, S. L. 1982b: 1077.
- annectens** LeConte 1878b: 622. Lectotype ♀: Tampa, Florida [USA]; MCZ, Cambridge, designated by Bright 1976: 185.
Figures: Blackman 1922b: pl. 9, fig. 47, Bright 1981d: 371.
Distribution: Antilles Islands (Andros Island/ Bahamas Islands), North America (Belize/ Chiapas (?), Durango, Hidalgo, Jalisco, Mexico, Michoacan in Mexico/ Alabama, Arizona, Arkansas, Florida, Georgia, Illinois, Louisiana, Mississippi, New Mexico, North Carolina, South Carolina, E Texas, Virginia, West Virginia in USA).
Hosts: *Pinus ayacahuite*, *P. caribaea*, *P. edulis*, *P. elliotii*, *P. engelmannii*, *P. lawsoni*, *P. leiophylla*, *P. palustris*, *P. ponderosa*, *P. resinosa*, *P. taeda*, *P. spp.*
Notes: (3) Blackman 1928b: 138 (redescribed).
References: **(bv)** Dixon & Payne 1979b; Jacobson 1972; Tumbow & Franklin 1980; Vite 1965: 267; Vite, Gara, & von Scheller 1964: 461–470; Vite & Pitman 1967: 683–701. **(cn)** Blackman 1950; Packard 1890: 715; Swaine 1918a: 104. **(ec)** Dixon & Payne 1979b; Felt 1906: 751; Kinn 1983a; Schwarz 1889a: 164. **(hb)** Atkinson et al. 1986: 36; Baker, W. L. 1972: 255; Beal & Massey 1945: 136; Blackman 1922b: 109–110, 1950; Bright 1981d: 293; Chamberlin 1939: 400; Chittenden 1890; Deyrup & Atkinson 1987a: 66; Felt 1906: 751; Ostmark 1968; Packard 1890: 715; Swaine 1918a: 104. **(ds)** Atkinson et al. 1986: 36, 1991: 162; Baker, W. L. 1972: 255; Beal & Massey 1945: 136; Blackman 1922b: 109–110, 1950; Blatchley & Leng 1916: 631; Bright 1981d: 293; Chamberlin 1925, 1939: 400; Chittenden 1890; Deyrup & Atkinson 1987a: 66; Drooz 1985: 364; Hagedorn 1910d: 70; Henshaw 1882: 268, 1885: 147; Hubbard & Schwarz 1878b: 622; Kirk 1970; Kleine 1913b: 140, 1914b: 383, 1934a: 158; Leng 1920: 341; Ostmark 1968; Rio Mora 1985: 14; Schwarz 1889a: 164, 1891c: 357; Swaine 1909: 133; Turnbow & Franklin 1980; Weber, B. C. & McPherson 1991: 54; Ulke 1902: 56; Wood, S. L. 1982b: 1101. **(tx)** Beal & Massey 1945: 136; Blackman 1922b: 109–110, 1928b: 117, 138; Blatchley & Leng 1916: 631; Bright 1976b: 185, 1981d: 293, 371; Chamberlin 1939: 400; Hagedorn 1910a: 100; LeConte 1878b: 622; Schedl 1955g: 25; Schwarz 1889: 163–164, 1891a: 167, 1891c: 357; Swaine 1909: 133–134, 1918a: 104; Wood, S. L. 1977d: 514, 1982b: 1101.
- citus** Blackman 1928b: 137. Holotype ♀: Chiricahua Mts., Arizona [USA]; USNM, Washington. Synonymy: Wood 1977d: 514.
References: **(hb)** Chamberlin 1939: 399. **(ds)** Chamberlin 1939: 399; Keen 1929a: 34; Kleine 1934a: 159; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 137; Chamberlin 1939: 399; Keen 1929a: 34; Wood, S. L. 1977d: 514.
- anthracinus** Bright 1976c: 428. Holotype ♀: Cerro Potosi, Nuevo Leon, Mexico; Wood Collection.

Distribution: North America (Nuevo Leon, Tlaxcala in Mexico).

Hosts: *Abies religiosa*.

References: (hb) Bright 1981d: 317. (ds) Bright 1981d: 317; Wood, S. L. 1982b: 1087. (tx) Bright 1976c: 428, 1981d: 317; McNamara 1984: 754; Wood, S. L. 1982b: 1087.

anticus Schedl 1976a: 66. Holotype ♂; Brasilien, Rio Negro; Schedl Collection in NHMW, Wien. Figures: Pedrosa-Macedo & Schonherr 1985: 52. Distribution: South America (Brazil).

Hosts: *Araucaria angustifolia*, *Pinus elliotii*.

References: (ds) Pedrosa-Macedo & Schonherr 1985: 52; Schonherr & Pedrosa-Macedo 1981: 53. (tx) Pedrosa-Macedo & Schonherr 1985: 52; Schedl 1976a: 66.

antillicus Bright 1981c: 162. Holotype ♀; Jarabacoa, Dominican Republic, Hopk US 32062-G; USNM, Washington.

Distribution: Antilles Islands (Dominican Republic in Hispanola).

Hosts: *Pinus occidentalis*.

References: (bv) Haack et al. 1989. (ec) Haack et al. 1989. (hb) Haack et al. 1989. (ds) Bright 1985c: 176. (tx) Bright 1981c: 162, 1985c: 176.

apachae Bright 1977: 520. Holotype ♀; Rustler's Park, Chiricahua Mts., Arizona [USA]; Wood Collection.

Distribution: North America (Arizona in USA).

Hosts: *Abies concolor*.

References: (ds) Bright 1981d: 241; Wood, S. L. 1982b: 1070. (tx) Bright 1977: 520, 1981d: 241; McNamara 1984: 754; Wood, S. L. 1982b: 1070.

apicenotatus Schedl 1976a: 66. Holotype, sex?; Cachimbo, BA, Brasil; Schedl Collection in NMHW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1976a: 66.

apicipennis Schedl 1976a: 67. Holotype ♂; Serra do Caraca, Minas Gerais, Brasil; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1976a: 67.

apiculatus Schedl 1937h: 167. Holotype ♀; Nova Teutonia [Brazil]; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 781; Schedl 1966f: 86. (tx) Schedl 1937h: 167-168, 1938a: 183, 1979c: 23.

aquilus Blackman 1928b: 33. Holotype ♀; Kaibab N.F., Arizona [USA]; USNM, Washington.

Figures: Bright 1981d: 361.

Distribution: North America (Alberta, British Columbia, Saskatchewan in Canada/ Arizona, California, Colorado, Montana, New Mexico, South Dakota, Utah, Wyoming in USA).

Hosts: *Picea engelmannii* (rare), *Pinus albicaulis*, *P. aristata*, *P. contorta*, *P. flexilis*, *P. ponderosa*.

References: (cn) Loomis, Hofacker, & Tucker 1986; Raimo 1985. (hb) Bright 1981d: 224; Chamberlin 1939: 358; Furniss, M. M. & Johnson 1987: 377. (ds) Bright 1981d: 224; Chamberlin 1939: 358; Evans, D., Lowe, & Hunt 1978; Furniss, M. M. & Johnson 1987: 377; Gast et al. 1989: 385; Keen 1929a: 32; Kleine 1934a: 158; Leng & Mutchler 1933: 52; Wood, S. L. 1948: 52, 1951a: 128, 1982b: 1064. (tx) Blackman 1928b: 30-34; Bright 1977: 514, 1981d: 224, 361; Chamberlin 1939: 358; Keen 1929a: 32; de Ruelle 1970: 108; Wood, S. L. 1977b: 209, 1982b: 1064.

caelator Blackman 1928b: 78. Holotype ♀; Black Hills, South Dakota [USA]; USNM, Washington. Synonymy: Bright 1977: 514.

References: (cn) Blackman 1931c. (ec) Blackman 1931c. (hb) Blackman 1931c; Chamberlin 1939: 378. (ds) Chamberlin 1939: 378; Keen 1929a: 32; Kleine 1934a: 159; Leng & Mutchler 1933: 52. (tx) Blackman 1928b: 62, 78-79; Bright 1977: 514; Chamberlin 1939: 378; Keen 1929a: 32; de Ruelle 1970: 108.

aristatae Bright 1964: 166. Holotype ♀; Crooked Creek, White Mts., Mono County, California [USA]; CAS, San Francisco. Synonymy: Bright 1971b: 67.

References: (tx) Bright 1964: 166, 168, 1971b: 67, 1977: 514.

arakii (Sawamoto) 1942: 167 (*Cladoborus*). Syn-types ♂ ♀; Hokkaido (Kutchan); Entomological Institute, Imperial Hokkaido University and Sawamoto Collection.

Distribution: Asia (Japan).

Hosts: *Picea excelsa*.

Notes: (1) Bright 1977: 511 (to *Pityophthorus*).

References: (ds) Murayama 1954b: 201. (tx) Bright 1977: 511; Murayama 1954b: 201, 1963c: 391; Nobuchi 1981c: 29; Sawamoto 1942: 167; Schedl 1959r: 42.

arcanus Bright 1976c: 429. Holotype ♀; Bear Canyon, Santa Catalina Mts., Santa Cruz Co., Arizona [USA]; CNCI, Ottawa.

Figures: Bright 1981d: 335.

Distribution: North America (Arizona, Nevada, W Texas in USA).

Hosts: *Pinus cembroides*, *P. monophylla*, *P. ponderosa*, 1 series from *Pseudotsuga menziesii*.

References: (ds) Bright 1981d: 35; Wood, S. L. 1982b: 1110. (tx) Bright 1976c: 429, 1981d: 35, 335; McNamara 1984: 754; Wood, S. L. 1982b: 1110.

arceuthobii Wood 1971: 48. Holotype ♀; 96 km W Durango, Durango, Mexico; Wood Collection.

Distribution: North America (Durango, Mexico in Mexico).

Hosts: *Arceuthobium globosum* (parasite on *Pinus montezumae*).

- References: **(ds)** Atkinson & Equihua 1985a: 96; Bright 1981d: 242; Wood, S. L. 1982b: 1046. **(tx)** Bright 1981d: 242; Wood, S. L. 1971: 48, 1982b: 1046.
- argentinensis** Eggers 1951: 150. Lectotype, sex?; Argentinien (Salta); USNM, Washington.
Distribution: South America (Argentina/ Brazil).
References: **(hb)** Viana 1964: 125. **(ds)** Schedl 1967d: 2; Viana 1964: 125. **(tx)** Anderson, W. H. & Anderson 1971: 4; Eggers 1951: 150; Schedl 1935i: 28, 1951h: 285, 1958f: 35, 1979c: 25.
- argentiniae** (Schedl) 1958f: 44 (*Breviophthorus*).
Syntypes, sex?; Argentinien: Misiones, Dep. Concep., Sta. Maria; Schedl Collection in NHMW, Wien and Viana Collection.
Distribution: South America (Argentina).
Notes: (1) Schedl 1979c: 25 (citation of holotype invalid).
References: **(tx)** Schedl 1958f: 44, 1970e: 93, 1979c: 25.
- ascendens** Schedl 1972g: 64. Holotype ♀; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1972g: 64, 1979c: 27.
- ashanti** Schedl 1972e: 291. Holotype ♀; Ghana, Ashanti Region, Kwadaso, 320 m, N 6 42, W 1 39; NHMB, Budapest.
Distribution: Africa (Ghana).
References: **(tx)** Schedl 1972e: 291, 1979c: 28.
- assitus** Wood 1977b: 214. Holotype ♀; Lagos des Colores, Chiapas, Mexico, 1300 m; CNCI, Ottawa.
Distribution: North America (Chiapas, Oaxaca in Mexico).
References: **(ds)** Bright 1981d: 50; Wood, S. L. 1982b: 1129. **(tx)** Bright 1981d: 50; Wood, S. L. 1977b: 214, 1982b: 1129.
- aterrimus** Eggers 1931b: 31. Holotype, sex?; Brasilien (Sao Paulo); Eggers Collection [not mentioned by Anderson & Anderson 1971 or Schedl 1979c], not in NHMW, Wien.
Distribution: South America (Brazil).
References: **(ds)** Blackwelder 1947: 781. **(tx)** Eggers 1931b: 31.
- atkinsoni** Bright 1985a: 467. Holotype ♀; Mexico: Cardonal (Cerca Ixmiquilpan), Edo. Hidalgo; CNCI, Ottawa.
Distribution: North America (Hidalgo in Mexico).
Hosts: *Flourenzia resinosa*.
References: **(tx)** Bright 1985a: 467.
- atomus** Wood 1964: 61. Holotype ♀; Veracruz, Veracruz, Mexico; Wood Collection.
Distribution: North America (Hidalgo, Jalisco, Michoacan, Oaxaca, Veracruz in Mexico).
Hosts: Shrub.
References: **(ds)** Bright 1981d: 44, 1986b: 682; Wood, S. L. 1982b: 1137. **(tx)** Bright 1981d: 44;
- McNamara 1977: 197; Wood, S. L. 1964: 61, 1982b: 1137.
- attenuatus** Blackman 1942a: 222. Holotype ♀; Mexico; USNM, Washington.
Figures: Bright 1981d: 336.
Distribution: North America (El Salvador/ Guatemala/ Hidalgo, Jalisco, Michoacan in Mexico).
Hosts: Compositae shrub.
References: **(hb)** Atkinson et al. 1986: 36; Burgos & Saucedo 1983: 124. **(ds)** Atkinson et al. 1986: 36; Blackwelder 1947: 781; Bright 1981d: 45; Burgos & Saucedo 1983: 124; Schedl 1977e: 42; Wood, S. L. 1982b: 1136. **(tx)** Blackman 1942a: 222; Bright 1981d: 45, 336; McNamara 1984: 754; Wood, S. L. 1978b: 397, 1982b: 1136.
- pusillus** Wood 1964: 62. Holotype ♀; 14 km S Zimapan, Hidalgo, Mexico; Wood Collection.
Synonymy: Wood 1978b: 397.
References: **(tx)** McNamara 1977: 198; Wood, S. L. 1964: 62, 1978b: 397.
- aztecus** Bright 1977: 520. Holotype ♀; Km 50 Mexico-Puebla [Highway], Mexico; USNM, Washington.
Figures: Bright 1981d: 340.
Distribution: North America (Coahuila, Mexico, Veracruz in Mexico).
Hosts: *Pinus* sp. branches.
References: **(hb)** Atkinson et al. 1986: 37; Burgos & Saucedo 1983: 115. **(ds)** Atkinson & Equihua 1985a: 92, 1988: 94; Atkinson et al. 1986: 37; Bright 1981d: 90; Burgos & Saucedo 1983: 115; Wood, S. L. 1982b: 1046. **(tx)** Bright 1977: 520, 1981d: 90, 340; McNamara 1984: 754; Wood, S. L. 1982b: 1046.
- balcanicus** Pfeffer 1940b: 123. Syntypes, sex?; Bulgaria near Sofia; Serbia, Demir Kapija, Kozuf Planina Boania; Zavidovic, Hercegovina, Albania; Ilgora; Pfeffer Collection in Prague Museum.
Distribution: Europe (Albania/ Bulgaria/ Yugoslavia).
Hosts: *Pinus heldreichi*, *P. nigra*.
References: **(bv)** Grune 1979: 121. **(ds)** Grune 1979: 121; Pfeffer 1976: 340, 1984: 277; Postner 1974: 437. **(tx)** Grune 1979: 121; Pfeffer 1940b: 109, 113, 123, 1955a: 211, 1964m: 312, 1976: 340; Postner 1974: 437.
- balsameus** Blackman 1922c: 119. Holotype ♀; Orono, Maine [USA]; USNM, Washington.
Figures: Blackman 1922c: figs. 20–21, Bright 1981d: 355.
Distribution: North America (New Brunswick, Nova Scotia in Canada/ Maine, Michigan, Minnesota, New Hampshire, New York, North Carolina, West Virginia, Wisconsin in USA).
Hosts: *Abies balsamea*, *Picea glauca*, *P. sp.*, *Pinus banksiana*, *P. resinosa*, *P. strobus*.
References: **(cn)** Blackman 1950. **(ec)** Bushing 1965: 464; Marsh 1979: 158; Matthews 1970. **(hb)** Baker, W. L. 1972: 255; Blackman 1950; Chamberlin 1939: 381. **(ds)** Baker, W. L. 1972: 255;

- Blackman 1950; Bright 1976d: 185, 1981d: 181; Chamberlin 1939: 381; Drooz 1985: 364; Kleine 1934a: 158; Leng & Mutchler 1927: 52; Wood, S. L. 1982b: 1076. **(tx)** Blackman 1922c: 119–120, 1928b: 63, 88; Bright 1981d: 181, 355; Chamberlin 1939: 381; Wood, S. L. 1977d: 514, 1982b: 1076. *patchi* Blackman 1922c: 120. Holotype ♀; Orono, Maine [USA]; USNM, Washington. Synonymy: Wood 1977d: 514.
References: **(cn)** Blackman 1950. **(hb)** Baker, W. L. 1972: 255; Blackman 1950; Chamberlin 1939: 379. **(ds)** Baker, W. L. 1972: 255; Blackman 1950; Bright 1976d: 187; Chamberlin 1925, 1939: 379; Kleine 1934a: 161; Leng & Mutchler 1927: 52; Proctor 1946: 208. **(tx)** Blackman 1922c: 120; Chamberlin 1939: 379; de Ruelle 1970: 110; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1977d: 514.
- barberi** Blackman 1928b: 112. Holotype, sex?; New Mexico: Las Vegas H.S. [Hot Springs] [USA]; USNM, Washington.
Figures: Bright 1981d: 339.
Distribution: North America (Durango, Nuevo Leon in Mexico/ Arizona, Colorado, New Mexico, W Texas, Utah in USA).
Hosts: *Pinus cembroides*, *P. edulis*, *P. leiophylla*, *P. ponderosa*.
References: **(hb)** Bright 1981d: 69; Chamberlin 1939: 389. **(ds)** Bright 1981d: 69; Chamberlin 1939: 389; Keen 1929a: 33; Kleine 1934a: 158; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1117. **(tx)** Blackman 1928b: 91, 112–113; Bright 1981d: 69, 339; Chamberlin 1939: 389; Keen 1929a: 33; de Ruelle 1970: 108; Schedl 1937h: 167; Wood, S. L. 1982b: 1117.
- barbifer** Schedl 1964j: 46. Holotype ♂; Ghana: Kintampo; BMNH, London.
Distribution: Africa (Ghana).
Hosts: *Daniellia oliveri*.
References: **(hb)** Roberts 1969: 126. **(ds)** Schedl 1962j: 5–6, 1964j: 46, 1972e: 282. **(tx)** Schedl 1962j: 5, 1964j: 46, 1979c: 35.
- bassetti** Blackman 1920b: 1. Lectotype ♂; Pitkin, Colorado [USA]; USNM, Washington, designated by Bright 1976b: 183.
Figures: Bright 1981d: 319, 373.
Distribution: North America (Alaska/ Northwest Territories, Yukon in Canada/ Chihuahua in Mexico/ Colorado, Utah in USA).
Hosts: *Picea chihuahuana*, *P. engelmannii*, *P. glauca*, *P. pungens*.
Notes: (3) Blackman 1928b: 136 (redescribed).
References: **(ec)** Werner & Holsten 1984. **(hb)** Blackman 1920b: 1; Chamberlin 1939: 399, 1958. **(ds)** Bright 1981d: 318; Chamberlin 1925, 1939: 399, 1958; Elias 1982d; Keen 1929a: 33; Kleine 1934a: 158; Leng & Mutchler 1927: 52; Werner & Holsten 1984; Wood, S. L. 1948: 55, 1951a: 128, 1972a: 427, 1982b: 1109. **(tx)** Blackman 1920b: 1, 1928b: 117, 136; Bright 1976b: 183, 1981d: 318–319, 373; Chamberlin 1939: 399, 1958; Keen 1929a: 33; de Ruelle 1970: 108; Wood, S. L. 1951a: 128, 1972a: 427, 1982b: 1109.
- biovalis** Blackman 1922c: 122. Holotype ♀; Brunswick, Maine [USA]; USNM, Washington.
Distribution: North America (Nova Scotia, Ontario in Canada/ Maine, New York in USA).
Hosts: *Picea glauca*, *P. mariana*, *P. rubens*, *Pinus strobus*.
References: **(cn)** Baker, W. L. 1972: 255; Blackman 1950. **(hb)** Baker, W. L. 1972: 255; Blackman 1950; Chamberlin 1939: 380. **(ds)** Baker, W. L. 1972: 255; Blackman 1950; Bright 1976d: 255, 1981d: 178; Chamberlin 1925, 1939: 380; Drooz 1985: 364; Kleine 1934a: 158; Leng & Mutchler 1927: 52; Proctor 1946: 208; Wood, S. L. 1982b: 1074. **(tx)** Blackman 1922c: 122–123, 1928b: 63, 85; Bright 1981d: 178; Chamberlin 1939: 380; Wood, S. L. 1982b: 1074.
- blackmani** (Schedl) 1935h: 344 (*Conophthorcranulus*). Holotype ♀; Costa Rica, Turrialba, 800 m; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
Notes: (1) Wood 1986a: 98 (to *Pityophthorus*).
References: **(ds)** Blackwelder 1947: 781. **(tx)** Schedl 1935h: 344, 1938a: 162, 1979c: 42; Wood, S. L. 1982b: 963, 1986a: 98.
- blandulus** Schedl 1955g: 19. Lectotype ♀; Guatemala, Las Trojades; Schedl Collection in NHMW, Wien, designated by Bright 1976b: 186.
Figures: Bright 1981d: 363.
Distribution: North America (Guatemala/ Chiapas, Mexico in Mexico).
Hosts: *Pinus hartwegii*, *P. ochoterrenai*, *P. oocarpa*, *P. rudis*.
References: **(hb)** Schwerdtfeger 1957c: 494. **(ds)** Atkinson & Equihua 1985c: 360, 1988: 94; Bright 1981d: 244; Schedl 1963c: 158; Wood, S. L. 1982b: 1068. **(tx)** Bright 1976b: 186, 1981d: 244, 363; Schedl 1955g: 17, 19, 1979c: 42; Wood, S. L. 1982b: 1068.
- blandulus** Blackman 1928b: 107. Holotype ♀; Argus Mts., California [USA]; USNM, Washington.
Figures: Bright 1981d: 363.
Distribution: North America (Arizona, California, Colorado, Nevada, New Mexico, Utah in USA).
Hosts: *Pinus monophylla*, *P. edulis*, 1 pair from *P. ponderosa*.
References: **(hb)** Bright & Stark 1973: 114; Chamberlin 1939: 387. **(ds)** Bright 1981d: 245; Bright & Stark 1973: 114; Chamberlin 1939: 387; Furniss, M. M. & Johnson 1987: 377; Keen 1929a: 23; Kleine 1934a: 158; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 107–108; Bright 1977: 513, 1981d: 245, 363; Chamberlin 1939: 387; Keen 1929a: 33; Wood, S. L. 1982b: 1066.
- singularis* Bright 1966b: 300. Holotype ♀; 19 km W Lone Pine, Inyo Co., California [USA];

- CAS, San Francisco. Synonymy: Bright 1977: 513.
References: **(hb)** Bright & Stark 1973: 111. **(ds)** Bright & Stark 1973: 111; **(tx)** Bright 1966b: 300, 1977: 513; de Ruelle 1970: 111.
- bolivianus** Eggers 1943a: 359. Holotype, sex?; Bolivia (Cochabamba); MNHN, Paris.
Distribution: South America (Bolivia).
References: **(tx)** Eggers 1943a: 359; Schedl 1951m: 73, 1979c: 43.
- borrichiae** Wood 1964: 60. Holotype ♀; Key Largo, Florida [USA]; Wood Collection.
Distribution: North America (S Florida).
Hosts: *Borrichia arborescens*, *B. frutescens*.
References: **(ds)** Bright 1981d: 61; Wood, S. L. 1982b: 1130. **(tx)** Bright 1981d: 61; McNamara 1977: 197; Wood, S. L. 1964: 60, 1982b: 1130.
- boycei** Swaine 1925b: 192. Holotype ♂; Cisco, Placer Co., California [USA]; CNCI, Ottawa.
Figures: Bright 1981d: 358, Ives & Wong 1988: 54.
Distribution: North America (Alberta, British Columbia in Canada/California, Colorado, Idaho, Montana, Oregon, South Dakota, Wyoming in USA).
Hosts: *Pinus aristata*, *P. contorta*, *P. flexilis*, *P. monticola*, *P. ponderosa*.
Notes: (3) Blackman 1928b: 26 (redescribed).
References: **(cn)** Doane et al. 1936; Evans, D. 1982; Ives & Wong 1988: 55; Lindgren 1980a: 66. **(hb)** Bright & Stark 1973: 97; Chamberlin 1939: 342, 1958: 145; Doane et al. 1936; Evans, D. 1982; Ives & Wong 1988: 55; Lindgren 1980a: 66. **(ds)** Bright 1976d: 168, 1980d: 204; Bright & Stark 1973: 97; Chamberlin 1939: 342, 1958: 145; Evans, D. 1983: 35; Evans, D., Lowe, & Hunt 1978; Furniss, R. L. & Carolin 1977: 398; Gast et al. 1989: 385; Keen 1929a: 31; Kleine 1934a: 163; Leng & Mutchler 1933: 52; Wood, S. L. 1972a: 424, 1982b: 1043. **(tx)** Blackman 1928b: 16–17, 26–27; Bright 1967b: 678, 1976c: 426, 1976d: 168, 1981d: 204, 358; Chamberlin 1939: 342, 1958: 145; Evans, D. 1982, 1983: 35; Ives & Wong 1988: 54; Keen 1929a: 31; de Ruelle 1970: 108; Swaine 1925b: 192–193; Wood, S. L. 1972a: 424, 1977c: 387, 1982b: 1043.
- catulus** Blackman 1928b: 21. Holotype ♀; Clark's Fork, Idaho [USA]; USNM, Washington. Synonymy: Bright 1976b: 186, 1976c: 426.
References: **(hb)** Chamberlin 1939: 341, 1958. **(ds)** Chamberlin 1939: 341, 1958: 144–145; Keen 1929a: 31; Kleine 1934a: 163; Leng & Mutchler 1933: 53; Wood, S. L. 1972a: 424. **(tx)** Blackman 1928b: 17, 21–22; Bright 1976b: 186, 1976c: 426; Chamberlin 1939: 341, 1958: 144–145; Keen 1929a: 31; de Ruelle 1970: 104; Wood, S. L. 1972a: 424.
- iniquus** Blackman 1928b: 27. Holotype ♀; Key-stone, Wyoming [USA]; USNM, Washington. Synonymy: Bright 1976c: 426.
References: **(cn)** Doane et al. 1936. **(hb)** Chamberlin 1939: 343; Doane et al. 1936. **(ds)** Chamberlin 1939: 343; Keen 1929a: 31; Kleine 1934a: 163; Leng & Mutchler 1933: 53. **(tx)** Blackman 1928b: 27; Bright 1976c: 426; Chamberlin 1939: 343; Keen 1929a: 31.
- siouxensis** Bright 1977: 439. Holotype ♀; Black Hills, South Dakota [USA]; CNCI, Ottawa. Synonymy: Wood 1977c: 387.
References: **(tx)** Bright 1977: 439; McNamara 1984: 757; Wood, S. L. 1977d: 387.
- brasilensis** (Schedl) 1938a: 177 (*Breviophthorus*). Holotype, sex?; Brasilien, Sao Paulo; Schedl Collection in NHMW, Wien.
Figures: Schedl 1938a: 161, 164.
Distribution: South America (Brazil).
References: **(ds)** Blackwelder 1947: 781. **(tx)** Schedl 1938a: 161, 164, 177, 1979c: 44.
- bravoi** Bright 1986b: 679. Holotype ♀; Mexico: Carr. Mex-Popo., Km 85; CNCI, Ottawa.
Distribution: North America (Mexico in Mexico).
References: **(tx)** Bright 1986b: 679.
- brevicomatus** Bright 1976c: 430. Holotype ♀; Cerro Potosi, Nuevo Leon, Mexico; CNCI, Ottawa.
Distribution: North America (Nuevo Leon in Mexico).
Hosts: *Pinus strobiformis*.
References: **(ds)** Bright 1981d: 145; Wood, S. L. 1982b: 1094. **(tx)** Bright 1976c: 430, 1981d: 145; McNamara 1984: 754; Wood, S. L. 1982b: 1094.
- brevis** Blackman 1928b: 81. Holotype ♀; Kaibab National Forest, Arizona [USA]; USNM, Washington.
Figures: Bright 1981d: 364.
Distribution: North America (Durango in Mexico/Arizona, Colorado, New Mexico, W Texas in USA).
Hosts: *Pinus ayacahuite*, *P. edulis*, *P. ponderosa*, *P. strobiformis*.
References: **(cn)** Blackman 1931c. **(cc)** Blackman 1931c. **(hb)** Blackman 1931c; Chamberlin 1939: 379. **(ds)** Atkinson & Equihua 1985c: 360, 1988: 94; Bright 1981d: 247; Chamberlin 1939: 379; Keen 1929a: 32; Kleine 1934a: 158; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1065. **(tx)** Blackman 1928b: 81; Bright 1981d: 247; Chamberlin 1939: 379; Keen 1929a: 32; de Ruelle 1970: 108; Wood, S. L. 1982b: 1065.
- brevisetosus** Eggers 1933b: 3, 7. Holotype, sex?; Venezuela (Caracas); MNHN, Paris.
Distribution: South America (Venezuela).
References: **(ds)** Blackwelder 1947: 781. **(tx)** Eggers 1933b: 3, 7–8.
- brighti** Wood 1989: 178. Holotype ♀; Amecameca, Mexico, Mexico; USNM, Washington.
Distribution: North America (Hidalgo, Mexico in Mexico).
Hosts: *Abies religiosa*.

References: **(tx)** Wood, S. L. 1989: 178.

blackmani Bright 1977: 521. Holotype ♀; Amecameca, Mexico, Mexico; USNM, Washington, preoccupied by Schedl 1935.

References: **(ds)** Atkinson & Equihua 1985a: 96; Bright 1981d: 243. **(tx)** Bright 1977: 521, 1981d: 243; McNamara 1984: 754; Wood, S. L. 1989: 178.

briscoei Blackman 1922c: 123. Holotype ♀; Brunswick, Maine [USA]; USNM, Washington.

Distribution: North America (New Brunswick, Ontario, Quebec in Canada/ Maine, Minnesota, New Hampshire, New York, Pennsylvania in USA).

Hosts: *Picea mariana*, *P. rubens*, *Pinus banksiana*, *P. strobus*.

References: **(cn)** Blackman 1950. **(hb)** Blackman 1950; Chamberlin 1939: 380. **(ds)** Blackman 1950; Bright 1976d: 185, 1981d: 184; Chamberlin 1925, 1939: 380; Kleine 1934a: 158; Leng & Mutchler 1927: 52; Wood, S. L. 1982b: 1076. **(tx)** Blackman 1922c: 123–124, 1928b: 63, 84–85; Bright 1981d: 184; Chamberlin 1939: 380; Wood, S. L. 1977d: 514, 1982b: 1076.

mundus Blackman 1928b: 86. Holotype ♀; Littleton, New Hampshire [USA]; USNM, Washington. Synonymy: Wood 1977d: 514.

References: **(cn)** Blackman 1950. **(hb)** Blackman 1950; Chamberlin 1939: 380. **(ds)** Blackman 1950; Bright 1976d: 186; Chamberlin 1939: 380; Dodge 1938; Kleine 1934a: 160; Knoll 1932: 66; Leng & Mutchler 1933: 52; Proctor 1946: 208. **(tx)** Blackman 1928b: 86–87; Chamberlin 1939: 380; Dodge 1938: 43–45; McNamara 1984: 757; Wood, S. L. 1977d: 514.

burserae Wood 1976a: 362. Holotype ♀; Atencuque, Jalisco, Mexico, 1000 m; Wood Collection. Distribution: North America (Jalisco).

Hosts: *Bursera* sp.

References: **(ds)** Bright 1981d: 76; Wood, S. L. 1982b: 1127. **(tx)** Bright 1981d: 76; Wood, S. L. 1976a: 362, 1982b: 1127.

busseae Schedl 1962h: 69. Holotype ♂?; Ghana, Bobiri Forest Reserve; BMNH, London.

Distribution: Africa (Ghana).

Hosts: *Bussea occidentalis*.

References: **(hb)** Browne 1963a: 236. **(ds)** Browne 1963a: 236; Schedl 1962h: 59, 1962j: 6, 1967e: 214, 1972e: 282. **(tx)** Schedl 1962h: 69, 1962j: 6, 1962k: 1080, 1979c: 49.

buyssoni Reitter 1901a: 101. Syntypes, sex?; Europe; NHMB, Budapest.

Figures: Chararas 1962c: 360.

Distribution: Europe (Bulgaria/ Corsica/ Czechoslovakia/ S France/ Greece/ Italy/ Spain/ Yugoslavia). Hosts: *Pinus nigra*, *P. sylvestris*, rare in *Larix europaea*.

References: **(bv)** Grune 1979: 121. **(cn)** Grandi 1951; Joly 1976. **(ec)** Kleine 1908c: 213; Pfeffer 1960: 346. **(hb)** Chararas 1982c: 363; Grandi

1951; Joly 1976; Pfeffer 1941b: 3; Spessivtsev 1921b: 221. **(ds)** Audras & Schaefer 1957; Barthe 1896; Buresh & Lazarov 1956; Chararas 1962c: 363; Grandi 1979: 121; Hagedorn 1910d: 70; Joly 1976; Karpinski 1931: 30; Kleine 1913b: 140, 1934a: 159; Linder 1953: 71; Maire et al. 1927: 1576; Pfeffer 1947e: 17, 1960: 346, 1976: 340, 1984: 227, 1989a: 65; Pittioni 1943: 176; Postner 1974: 437; Sainte-Claire 1905: 157; Sainte-Claire & Mequignon 1938: 447; Tredl 1907: 14. **(tx)** Balachowsky 1949a: 238; Chararas 1962c: 360; Eggers 1914: 189, 1915b: 13–14, 1923a: 218, 1933i: 7; Grune 1979: 121; Hagedorn 1910a: 100; Joly 1976; Peyerimhoff 1930: 259; Pfeffer 1927: 111–112, 1940b: 109, 113, 121, 1941b: 3, 1947e: 17, 1955a: 219, 1976: 340; Postner 1974: 437; Reitter 1901a: 101, 1913a: 94; Schedl 1934f: 1643, 1960b: 164, 1964m: 312; Spessivtsev 1922: 221, 1926: 50; Wichmann 1913d: 144.

senex Wichmann 1913d: 143. Holotype ♀?; Bistolas, Htes Alpes; not given. Synonymy: Balachowsky 1949a: 238.

References: **(hb)** Spessivtsev 1921b: 221. **(ds)** Karpinski 1931: 30; Kleine 1913b: 141; Sainte-Claire & Mequignon 1938: 448. **(tx)** Balachowsky 1949a: 238–239; Eggers 1915b; Pfeffer 1927: 111–112, 1940b: 109, 113, 122; Schedl 1934f: 1643, 1964m: 312; Spessivtsev 1922: 221, 1926: 50; Wichmann 1913d: 143–144.

angeri Pfeffer 1927: 111. Syntypes, sex?; Vizzavona, Venaco (Corsica); Pfeffer Collection in Prague Museum.

Notes: (1) Pfeffer 1940b: 122 (treated as a subspecies of *buyssoni*).

References: **(ds)** Pfeffer 1947d: 127; Sainte-Claire & Mequignon 1938: 447. **(tx)** Balachowsky 1949a: 239; Pfeffer 1927: 111, 1940b: 109; Schedl 1934f: 1643.

cacuminatus Blandford 1904: 238. Lectotype ♀; San Geronimo, Verapaz, Guatemala; BMNH, London, designated by Bright 1976b: 184.

Distribution: North America (Guatemala/ Honduras/ Jalisco, Michoacan in Mexico).

Hosts: *Pinus oocarpa*, *P. spp.*

References: **(hb)** Atkinson & Equihua 1985c: 360; Atkinson et al. 1986: 37. **(ds)** Atkinson & Equihua 1985c: 360, 1988: 94; Atkinson et al. 1986: 37; Blackwelder 1947: 781; Bright 1981d: 304; Hagedorn 1910d: 70; Kleine 1913b, 1914b: 362; Wood, S. L. 1982b: 1101. **(tx)** Blackman 1942a: 218; Blandford 1904: 238; Bright 1976b: 184, 1981d: 304; Hagedorn 1910a: 100; Schedl 1938a: 183, 1955g: 17; Wood, S. L. 1982b: 1101.

californicus Bright 1976c: 427. Holotype ♀; Bonnie Doone, Santa Cruz Co., California [USA]; USNM, Washington, automatic.

Distribution: North America (California).

Hosts: *Pinus attenuata*, *P. radiata*.

References: **(ds)** Bright 1981d: 249; Wood, S. L.

1982b: 1069. **(tx)** Bright 1976c: 427, 1981d: 249; Wood, S. L. 1982b: 1069.

deleoni Bright 1966b: 302. Holotype ♀; Bonnie Doone, Santa Cruz Co., California [USA]; USNM, Washington, preoccupied by Blackman 1942.

References: **(tx)** Bright 1966b: 302, 1976c: 427.

camerunus Eggers 1920: 35. Syntypes 2, sex?; Kamerun, Hamburg Museum specimen to Eggers Collection now in NHMW, Wien, 1 in MNB, Berlin.

Distribution: Africa (Cameroon).

Notes: (1) Schedl 1979c: 51 (citation of holotype invalid).

References: **(ds)** Schedl 1965e: 353, 1966c: 225.

(tx) Eggers 1920: 35, 1927a: 184; Schedl 1938a: 183, 1962j: 6, 1979c: 51.

carinatus Bright 1978: 73. Holotype ♀; Sevey, New York [USA]; CNCI, Ottawa.

Notes: (1) Bright 1978: 73 (subspecies established).

References: **(ds)** Bright 1981d: 179; Furniss, M. M. 1978; Wood, S. L. 1982b: 1077. **(tx)** Bright 1978: 73, 1981d: 179; McNamara 1984: 754; Wood, S. L. 1982b: 1077.

carinatus carinatus:

Distribution: North America (New Brunswick, Quebec in Canada/ New York in USA).

Hosts: *Picea* sp., *Pinus strobus*.

References: **(tx)** Bright 1978: 73.

carinatus monticolae Bright 1978: 74 Holotype ♀; Hazelton, British Columbia [Canada]; CNCI, Ottawa.

Distribution: North America (Alberta, British Columbia in Canada).

Hosts: *Pinus contorta*.

References: **(ds)** Bright 1981d: 179; Wood, S. L. 1982b: 1077. **(tx)** Bright 1978: 74, 1981d: 179; McNamara 1984: 754; Wood, S. L. 1982b: 1077.

cariniceps LeConte 1876: 353. Holotype ♀; Detroit, Michigan [USA]; MCZ, Cambridge.

Figures: Bright 1981d: 355.

Distribution: North America (Alberta, NE British Columbia, Manitoba, New Brunswick, Nova Scotia, Ontario, Quebec, Saskatchewan in Canada/ Connecticut, Indiana, Kentucky, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Virginia, Wisconsin in USA).

Hosts: *Abies balsamea*, *Picea glauca*, *Pinus banksiana*, *P. resinosa*, *P. strobus*, *P. virginiana*.

Notes: (3) Blackman 1928b: 72 (redescribed).

References: **(cn)** Blackman 1950; Browne 1968b: 564; Chamberlin 1924; Currie 1905: 80; Doane et al. 1936; Hopkins 1899c: 443, 1901b: 8, 1904a: 24; Lindquist, O. H. & Syme 1981: 88; Martin, J. L. 1964; Schuder 1969: 80; Swaine 1918a: 97, 102; Syme & Nystrom 1988: 84. **(ec)** Bushing 1965: 464; Felt 1906: 674; Frederick, Sloan, &

Skowron 1976; Hopkins 1901b: 8; Pierce, W. D. 1908: 387; Thomas & Lindquist 1956: 2. **(hb)** Baker, W. L. 1972: 255; Blackman 1950; Browne 1968b: 564; Chamberlin 1939: 377; Chittenden 1893a: 393; Doane et al. 1936; Felt 1906: 674; Hopkins 1899c: 443, 1901b: 8, 1904a: 24; Pierce, W. D. 1907: 290; Swaine 1918a: 97, 102. **(ds)** Anonymous 1926c: 519; Atkinson et al. 1991: 162; Baker, W. L. 1972: 255; Blackman 1950; Blatchley & Leng 1916: 633; Bright 1976d: 185, 1981d: 174; Browne 1968b: 564; Chamberlin 1925, 1939: 377; Currie 1905; Deyrup & Atkinson 1987b: 67; Dodge 1938; Drooz 1985: 364; Hagedorn 1910d: 70; Henshaw 1882: 268, 1885: 147; Hopkins 1893a: 130, 1893b: 209; Hubbard & Schwarz 1878a: 665; Kleine 1913b: 140, 1934a: 159; Leng 1920: 341; Leonard 1928: 519; Lindquist, O. H. & Syme 1981: 88; Morgan, A. V. & Morgan 1980: 1110; Proctor 1946: 208; Schuder 1969: 80; Schwert et al. 1985; Swaine 1909: 133; Syme & Nystrom 1988: 84; Wichmann 1896a: 309; Wood, S. L. 1982b: 1077. **(tx)** Blackman 1919b: 134–136, 142, 1928b: 72; Blatchley & Leng 1916: 633; Bright 1981d: 174, 355; Chamberlin 1939: 377; Dodge 1938: 43–45; Hagedorn 1910a: 100; LeConte 1876: 353; Lindquist, O. H. & Syme 1988: 84; Swaine 1909: 133–134, 1917: 24, 1918a: 97, 102; Syme & Nystrom 1988: 84; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1977d: 514, 1982b: 1077. **(ms)** Eckstein 1900c.

canadensis Swaine 1917: 24. Lectotype ♀; Ste. Anne de Bellvue, Quebec [Canada]; CNCI, Ottawa, designated by Bright 1967b: 678. Synonymy: Blackman 1928b: 72.

References: **(cn)** Chamberlin 1924; Swaine 1918a: 97, 102. **(hb)** Swaine 1918a: 97, 102. **(ds)** Anonymous 1926c: 519; Beaulne 1956; Britton 1920a: Chamberlin 1925; Hatch 1924; Leng 1920: 341; Leonard 1928: 519. **(tx)** Blackman 1919b: 136–137, 1922c, 1928b: 72; Bright 1967b: 678; de Ruette 1970: 108; Swaine 1917: 24, 1918a: 97, 102.

cognatus Blackman 1928b: 69. Holotype ♀; Davidson's R., Asheville, North Carolina, 3200 ft. [USA]; USNM, Washington. Synonymy: Wood 1977d: 514.

References: **(cn)** Blackman 1950; Schuder 1969: 80. **(hb)** Beal & Massey 1945: 132; Blackman 1950; Chamberlin 1939: 376. **(ds)** Beal & Massey 1945: 132; Blackman 1950; Chamberlin 1939: 376; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Schuder 1969: 80. **(tx)** Beal & Massey 1945: 132; Blackman 1928b: 69; Chamberlin 1939: 376; de Ruette 1970: 108; Wood, S. L. 1977d: 514.

carinulatus Swaine 1925b: 193. Holotype ♂; Tres Ritos, New Mexico [USA]; CNCI, Ottawa.

Distribution: North America (Alaska/ Arizona, Colorado, New Mexico, Utah in USA).

Hosts: *Picea engelmannii*, *P. pungens*, 2 males from Alaska in *Pinus contorta*.

References: **(hb)** Chamberlin 1939: 375. **(ds)** Bright 1981d: 228; Chamberlin 1939: 375; Evans, D. 1983: 35; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1068. **(tx)** Blackman 1928b: 60, 66–67; Bright 1967b: 678, 1977: 514, 1981d: 228; Chamberlin 1939: 375; Evans, D. 1983: 35; LeConte 1874a: 70; de Ruelle 1970: 108; Swaine 1925b: 193; Wood, S. L. 1977b: 209, 1982b: 1068. *opinus* Blackman 1928b: 80. Holotype ♀;

Capitan Mts., New Mexico [USA]; USNM, Washington. Synonymy: Bright 1977: 514.

References: **(cn)** Evans, D. 1982; Lindgren 1980: 69. **(ec)** Stevens 1973. **(hb)** Bright & Stark 1973: 109; Chamberlin 1939: 379; Evans, D. 1982; Lindgren, B. 1980a: 69. **(ds)** Bright 1976d: 183; Bright & Stark 1973: 109; Chamberlin 1939: 379; Keen 1929a: 32; Kleine 1934a: 160; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 62, 80–81; Bright 1971b: 67, 1977: 514; Chamberlin 1939: 379; Evans, D. 1982; Keen 1929a: 32; McNamara 1984: 757; Wood, S. L. 1951a: 128.

carmeli Swaine 1918a: 100. Holotype ♀; Carmel, California [USA]; CNCI, Ottawa.

Figures: Bright 1981d: 347.

Distribution: North America (California).

Hosts: *Pinus attenuata*, *P. coulteri*, *P. muricata*, *P. radiata*, *P. torreyana*.

Notes: (3) Blackman 1928b: 97 (redescribed). The holotype is missing from its microcard and may be lost (DEB).

References: **(cn)** Anonymous 1964h, 1966p, 1968g, 1975d; Doane et al. 1936; Herrick 1935: 250; Swaine 1918a: 96, 100. **(ec)** Bushing & Bright 1965: 203; Kinn 1971; Marsh 1979: 150. **(hb)** Bright 1981d: 137; Bright & Stark 1973: 111; Burke 1932; Chamberlin 1939: 385; Doane et al. 1936; Herrick 1935: 250; Swaine 1918a: 96, 100. **(ds)** Anonymous 1964h, 1966p, 1968g, 1975d; Bright 1981d: 137; Bright & Stark 1973: 111; Burke 1932: 366, 1933: 49–59, 1937: 28; Chamberlin 1925, 1939: 385; Hopping 1922; Keen 1929a: 33; Kleine 1934a: 159; Leng 1920: 341; Wood, S. L. 1982b: 1049. **(tx)** Blackman 1928b: 97; Bright 1964: 166, 1967b: 678, 1981d: 137, 347; Chamberlin 1939: 385; Keen 1929a: 33; de Ruelle 1970: 108; Swaine 1918a: 96, 100; Wood, S. L. 1982b: 1049.

torreyanae Swaine 1918a: 101. Holotype ♀; San Diego, California [USA]; CNCI, Ottawa. Synonymy: Blackman 1928b: 98.

References: **(cn)** Keen 1929: 54; Swaine 1918a: 97, 101. **(hb)** Keen 1929: 54; Swaine 1918a: 97, 101. **(ds)** Chamberlin 1925; Hopping 1922; Keen 1929: 54; Leng 1920: 341. **(tx)** Blackman 1928b: 97; Bright 1970: 679; de Ruelle 1970: 111; Swaine 1918a: 97, 101–102.

carniolicus Wichmann 1910a: 145. Syntypes, sex?; Krain (Austria-Hung.); Adelsberg; not given.

Figures: Grune 1979: 118.

Distribution: Europe (Austria/ Czechoslovakia/ France/ Germany/ Hungary).

Hosts: *Pinus nigra*, *P. sylvestris*.

References: **(bv)** Grune 1979: 119. **(ec)** Nosek 1959b: 87; Pfeffer 1960: 346; Wichmann 1916: 23. **(hb)** Nosek 1959b: 87; Spessivtsev 1921b: 221, 1923: 208; Wichmann 1916: 23. **(ds)** Bovey 1976; Grune 1979: 119; Holzschuh 1966: 61; Horion 1951; Karpinski 1931: 30; Kleine 1913a: 35, 1934a: 159; Lucht 1987: 278; Pfeffer 1960: 346, 1976: 340, 1984: 277, 1989a: 65; Postner 1974: 436; Schedl 1980a: 22, 1981b: 78. **(tx)** Balachowsky 1949a: 238; Eggers 1915b; Grune 1979: 118–119; Lucht 1987: 278; Pfeffer 1927: 111–112, 1940b: 109, 113, 123, 1955a: 220, 1976: 340; Postner 1974: 436; Reitter 1913a: 94; Schedl 1934f: 1643, 1980a: 22, 1981b: 78; Spessivtsev 1922: 221, 1926: 50; Wichmann 1910a: 145, 1913d: 144, 1916: 23–25, 1916: 432–433.

cascoensis Blackman 1928b: 99. Holotype ♀; Peak Island, Maine [USA]; USNM, Washington.

Figures: Bright 1981d: 349.

Distribution: North America (Alberta, Newfoundland, Northwest Territories, Ontario in Canada/ Maine, New York in USA).

Hosts: *Picea glauca*.

References: **(cn)** Blackman 1950. **(hb)** Blackman 1950; Chamberlin 1939: 386. **(ds)** Blackman 1950; Bright 1976d: 186, 1981d: 150; Chamberlin 1939: 386; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1088. **(tx)** Blackman 1928b: 89, 99–100; Bright 1977: 515, 1981d: 150, 349; Chamberlin 1939: 386; McNamara 1984: 754; Wood, S. L. 1977b: 209, 1982b: 1088.

pilifer Schedl 1931b: 166. Holotype ♀; Frater, Ontario [Canada]; CNCI, Ottawa. Synonymy: Bright 1977: 515.

References: **(hb)** Chamberlin 1939: 378. **(ds)** Chamberlin 1939: 378; Kleine 1934a: 161; Leng & Mutchler 1933: 95. **(tx)** Bright 1977: 515; Chamberlin 1939: 378; de Ruelle 1970: 110; Schedl 1931b: 166–168.

cavatus Bright 1978: 74. Holotype ♀; Canoe Lake, Saskatchewan [Canada]; CNCI, Ottawa.

Distribution: North America (Manitoba, Saskatchewan in Canada).

Hosts: *Pinus banksiana*, *P. resinosa*.

References: **(ds)** Bright 1981d: 187; Wood, S. L. 1982b: 1075. **(tx)** Bright 1978: 74, 1981d: 187; McNamara 1984: 754; Wood, S. L. 1982b: 1075.

cedri Wood 1989: 182. Holotype ♀; Kashmir: Buniyar, Jhelum Valley; FRI, Dehra Dun.

Distribution: Asia (Kashmir in India).

Hosts: *Cedrus deodara*, *Pinus gerardiana*.

Notes: (1) Beeson 1941: 292 (*cedri*, nomen nudum).

References: **(tx)** Wood, S. L. 1989: 182.

celatus (Schedl) 1967d: 9 (*Breviophthorus*). Holotype, sex?: Nova Teutonia, Santa Catarina, Brasilien; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) McNamara 1977: 194; Schedl 1967d: 9–10, 1979c: 55.

cephalonicae Pfeffer 1940b: 119. Syntypes, sex?: Graecia Meridionalis, Montes Chelmos; Pfeffer Collection in Prague Museum.
Distribution: Europe (Greece/ Poland).

Hosts: *Abies cephalonica*, *A. alba*.

References: (bv) Grune 1979: 119. (ec) Michalski & Ratajczak 1989. (hb) Karpinski 1955: 80. (ds) Atkinson et al. 1986: 38; Grune 1979: 119; Karpinski 1955: 80; Nunberg 1954: 71, 1956c: 163, 168; Pfeffer 1940b: 119, 1947: 129, 1976: 340; Postner 1974: 437. (tx) Grune 1979: 119; Nunberg 1954: 71; Pfeffer 1940b: 108, 119, 1955a: 218, 1976: 340; Postner 1974: 437.

polonicus Karpinski 1949: 125. Syntypes, sex?: mountain forests of National Park in Pieniny (Carpathian Mts.); Karpinski Collection. Synonymy: Nunberg 1956c: 163.

References: (ec) Boucek 1955: 83–92; Graham 1969: 878; Nuorteva 1957b: 69. (hb) Karpinski 1955: 77. (ds) Horion 1951; Karpinski 1949: 125, 1955: 77. (tx) Karpinski 1949: 125; Nunberg 1956c: 161, 163, 168.

chalconensis Hopkins 1905b: 73. Holotype ♀; Chalco, Mexico; USNM, Washington.
Distribution: North America (Mexico, Michoacan in Mexico).

Hosts: *Pinus* sp. (bole).

Notes: (1) Hopkins published the species name *chaleoensis* and the type locality as “Chaleco,” but the label on the holotype clearly reads “Chalco.” The error in spelling is an obvious lapsus calami that was corrected in Wood 1982b: 1099.

References: (ds) Atkinson & Equihua 1985a: 97, 1988: 96; Blackwelder 1947: 781; Bright 1981d: 279; Ferrer 1942; Hagedorn 1910d: 70; Kleine 1913b: 140, 1914b: 351; Wood, S. L. 1982b: 1099. (tx) Bright 1978: 71, 1981d: 279; Hagedorn 1910a: 100; Hopkins 1905b: 73; Schedl 1940a: 348; Wood, S. L. 1982b: 1099.

herrarai Hopkins 1905b: 71. Syntypes, sex?: Chalco, Mexico; USNM, Washington. Synonymy: Bright 1978: 71.

References: (ds) Blackwelder 1947: 782; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 351. (tx) Bright 1978: 71; Hagedorn 1910a: 101; Hopkins 1905b: 71; Schedl 1940a: 348.

chilgoza Wood 1989: 183. Holotype ♀; Punjab: Kilba, U. Bashar; FRI, Dehra Dun.
Distribution: Asia (Punjab in India).
Hosts: *Pinus gerardiana*.

Notes: (1) Beeson 1941 (1961: 292) (*chilgoza*, nomen nudum).

References: (tx) Wood, S. L. 1989: 183.

ciliatus Blackman 1942a: 211. Holotype ♀; Jalapa, Veracruz, Mexico; USNM, Washington.
Distribution: North America (Veracruz in Mexico).

Hosts: *Pinus patula*, *P. sp.*

References: (hb) Atkinson & Equihua 1985c: 360. (ds) Atkinson & Equihua 1985c: 360, 1988: 94; Bright 1981d: 250; Thomas, J. B. 1966; Wood, S. L. 1982b: 1069. (tx) Blackman 1942a: 211; Bright 1981d: 250; McNamara 1984: 754; Wood, S. L. 1982b: 1069.

clarus Blackman 1928b: 130. Holotype ♀; Kaibab National Forest, Arizona [USA]; USNM, Washington.

Distribution: North America (Arizona).

Hosts: *Pinus leiophylla*, *P. ponderosa*.

References: (cn) Blackman 1931c. (ec) Blackman 1931c. (hb) Blackman 1931c; Chamberlin 1939: 397. (ds) Bright 1981d: 324; Chamberlin 1939: 397; Keen 1929a: 33; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1108. (tx) Blackman 1928b: 130; Bright 1981d: 324; Chamberlin 1939: 397; Keen 1929a: 33; de Ruelle 1970: 108; Wood, S. L. 1982b: 1108.

clivus Bright 1977: 522. Holotype ♀; Cerro Potosi, Nuevo Leon, Mexico; CNCI, Ottawa.

Distribution: North America (Nuevo Leon in Mexico).

Hosts: *Pinus strobiformis*.

References: (ds) Bright 1981d: 250; Wood, S. L. 1982b: 1040. (tx) Bright 1977: 522, 1981d: 250; McNamara 1984: 754; Wood, S. L. 1982b: 1040.

collaris Schedl 1965c: 67. Holotype ♀; Madagascar, Montagne d'Ambre; Schedl Collection in NHMW, Wien.

Distribution: Madagascar.

Hosts: Tree twigs.

References: (tx) Schedl 1965c: 67, 1977b: 110, 1979c: 59.

comosus Blackman 1928b: 65. Holotype ♀; Sacramento Mts., New Mexico [USA]; USNM, Washington.

Distribution: North America (Durango in Mexico/ Arizona, New Mexico in USA).

Hosts: *Pinus ponderosa*.

References: (hb) Chamberlin 1939: 375. (ds) Bright 1981d: 277; Chamberlin 1939: 375; Keen 1929a: 32; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1045. (tx) Blackman 1928b: 65; Bright 1977: 514, 1981d: 277; Chamberlin 1939: 375; Keen 1929a: 32; McNamara 1984: 754; Wood, S. L. 1982b: 1045.

foratus Wood 1967d: 40. Holotype ♀; 16 km W El Salto, Durango, Mexico; CNCI, Ottawa.
Synonymy: Bright 1977: 514.

References: (tx) Bright 1977: 514; de Ruelle 1970: 109; Wood, S. L. 1967d: 40.

concavus Blackman 1928b: 85. Holotype ♀; Seney, Michigan [USA]; USNM, Washington.

Distribution: North America (British Columbia (?), New Brunswick, Nova Scotia, Ontario, Quebec in Canada/ Maine, Michigan, Wisconsin in USA). The British Columbia population could be distinct.

Hosts: *Pinus banksiana*, *P. resinosa*, *Picea glauca*.

References: (cn) Blackman 1950. (hb) Blackman 1950; Chamberlin 1939: 380. (ds) Blackman 1950; Bright 1976d: 186, 1981d: 185; Chamberlin 1939: 380; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1075. (tx) Blackman 1928b: 85; Bright 1981d: 185; Chamberlin 1939: 380; Wood, S. L. 1982b: 1075.

hesperius Bright 1978: 76. Holotype ♀; Hudson Hope, British Columbia [Canada]; CNCI, Ottawa. Synonymy: Wood 1982b: 1075.

Notes: (1) This could possibly be a subspecies; not enough material available for study to evaluate (SLW); should be treated as a species (DEB).

References: (ds) Bright 1981d: 181. (tx) Bright 1978: 76, 1981d: 181; McNamara 1984: 755; Wood, S. L. 1982b: 1075.

concentralis Eichhoff 1878b: 188. Holotype, sex?; Cuba; Hamburg Museum, lost; neotype ♀; Biscayne Bay, Florida [USA]; USNM, Washington, designated by Bright 1978: 72.

Figures: Bright 1981d: 337.

Distribution: Antilles Islands (Bahamas Islands/ Cuba), North America (Florida in USA).

Hosts: *Metopium toxiferum*.

References: (cn) Swaine 1918a: 95, 104. (ec) Schwarz 1889a: 163. (hb) Chamberlin 1939: 361; Swaine 1918a: 95, 104. (ds) Beutenmuller 1891: 50; Blackwelder 1947; Blatchley & Leng 1916: 630; Bright 1981d: 56, 1985c: 176; Chamberlin 1939: 361; Hagedorn 1910d: 70; Henshaw 1895: 44, 1899: 132; Kleine 1913b: 140, 1914b: 378, 383, 1934a: 159; Leng 1920: 341; Schwarz 1889a: 163–164; Swaine 1909: 134; Wood, S. L. 1957c: 401, 1982b: 1114. (tx) Blackman 1928b: 37, 40; Blatchley & Leng 1916: 630; Bright 1978: 72, 1981d: 56, 337, 1985c: 176; Chamberlin 1939: 361; Eichhoff 1878a: 389, 1878b: 188; Hagedorn 1910a: 100; Swaine 1909: 134, 1918a: 95, 104; Wood, S. L. 1957c: 401, 1982b: 1114.

lateralis Swaine 1917: 27. Lectotype ♀; Key West, Florida [USA]; Cornell University, Ithaca, New York, designated by Bright 1967b: 678. Synonymy: Wood 1957c: 401.

References: (cn) Swaine 1918a: 95, 104. (hb) Chamberlin 1939: 361; Swaine 1918a: 95, 104. (ds) Chamberlin 1939: 361; Kleine 1934a: 160; Leng 1920: 341. (tx) Blackman 1928b: 37, 40; Bright 1967b: 678; Chamberlin 1939: 361; Hoebeke 1978; de Ruelle 1970: 110; Swaine 1917: 27, 1918a: 95, 104; Wood, S. L. 1957c: 401, 1982b: 1114.

concinnus Wood 1977b: 214. Holotype ♀; in wood from Plaquepague, Mexico, intercepted at Nogales, Arizona [USA]; USNM, Washington.

Distribution: North America ("Mexico").

References: (ds) Bright 1981d: 34; Wood, S. L. 1982b: 1116. (tx) Bright 1981d: 34; Wood, S. L. 1977b: 214, 1982b: 1116.

confertus Swaine 1917: 27. Lectotype ♀; Adams Lake, British Columbia [Canada]; CNCI, Ottawa, designated by Bright 1966b: 304, 1967b: 678.

Figures: Bright 1981d: 306, 372, Evans 1982: 31.

Distribution: North America (S British Columbia in Canada/ Baja California, Chihuahua, Coahuila, Hidalgo, Nuevo Leon, Puebla in Mexico/ Arizona, California, Colorado, Idaho, W Montana, Nevada, New Mexico, Oregon, W Texas, Utah, Washington, Wyoming in USA).

Hosts: *Pinus albicollis*, *P. cembroides*, *P. contorta*, *P. edulis*, *P. flexilis*, *P. jeffreyi*, *P. monticola*, *P. ponderosa*, *P. strobfornis*.

Notes: (3) Blackman 1928b: 122 (redescribed). Bright 1981d: 307 (subspecies *agnatus* recognized, validity?).

References: (bv) Jacobson 1972; Miller & Keen 1960: 115; Schmitz 1988; Vite 1965: 267; Vite & Pitman 1967: 683–701. (cn) Chamberlin 1924; Evans, D. 1982b: 8; Keen 1929: 53; Lindgren 1980a: 68; Miller & Keen 1960: 115; Ruppel 1967: 78; Salman 1938a: 613–616; Schuder 1969: 78; Swaine 1918a: 98, 103. (ec) Amman, A. G., Amman, & Amman 1974; Chatelain & Schenk 1983; Dahlsten & Stephen 1974: 1213; Deyrup & Gara 1978: 275; Miller & Keen 1960: 115; Rice 1965; Salman 1938a: 613; Schmitz 1988. (hb) Amman, A. G., Amman, & Amman 1974; Bright & Stark 1973: 115; Chamberlin 1939: 395, 1958; Evans, D. 1982: 8; Keen 1929: 53; Lindgren 1980a: 68; Miller & Keen 1960: 115; Schmitz 1988; Swaine 1918a: 98, 103. (ds) Amman, A. G., Amman, & Amman 1974; Atkinson & Equihua 1985c: 361, 1988: 94; Bright 1976d: 181, 1981d: 305; Bright & Stark 1973: 115; Chamberlin 1917: 355, 1925, 1939: 395, 1958; Evans, D. 1983: 35; Furniss, R. L. & Carolin 1977: 402; Hopping 1922; Keen 1929a: 33; 1929c: 53; Kleine 1934a: 159; Leng 1920: 341; McComb et al. 1953: 2; Patterson & Hatch 1945: 153; Ruppel 1967: 78; Schuder 1969: 78; Wood, S. L. 1948: 53, 1951a: 128, 1972a: 427, 1982b: 1107. (tx) Blackman 1928b: 115, 122–123; Bright 1966b: 304, 1967b: 678, 1981d: 305–306, 372; Chamberlin 1939: 395, 1958; Evans, D. 1982: 8, 31, 1983: 35; Hoebeke 1978; Keen 1929a: 33; de Ruelle 1970: 109; Swaine 1917: 27, 1918a: 98, 103; Wood, S. L. 1951a: 128, 1972a: 427, 1977d: 514, 1982b: 1107. *agnatus* Blackman 1928b: 125. Holotype ♀; Cloudcroft, New Mexico [USA]; USNM, Washington. Synonymy: Wood 1977d: 514.

Notes: (1) Bright 1981d: 305 (treated as a sub-

species, validity doubtful). Wood 1982b: 1107 (this name was based on a minor clinal variation with no taxonomic value).

References: **(hb)** Chamberlin 1939: 396. **(ds)** Bright 1981d: 305; Chamberlin 1939: 396; Keen 1929a: 33; Kleine 1934a: 158; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 115, 125–127; Bright 1981d: 305; Chamberlin 1939: 396; Keen 1929a: 33; de Ruelle 1970: 107; Wood, S. L. 1977d: 514.

comptus Blackman 1928b: 127. Holotype ♀; Santa Catalina Mts., Arizona [USA]; USNM, Washington. Synonymy: Wood 1977d: 514.

References: **(hb)** Chamberlin 1939: 396. **(ds)** Chamberlin 1939: 396; Keen 1929a: 33; Kleine 1934a: 159; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 127; Chamberlin 1939: 396; Keen 1929a: 33; de Ruelle 1970: 109; Wood, S. L. 1977d: 514.

burkei Blackman 1928b: 129. Holotype ♀; Meyers, California [USA]; USNM, Washington. Synonymy: Bright 1966b: 304.

References: **(ec)** Bushing 1965: 464; DeLeon 1934a. **(hb)** Chamberlin 1939: 396, 1958. **(ds)** Chamberlin 1939: 396, 1958; Keen 1929a: 33; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1948: 53, 1951a: 128. **(tx)** Blackman 1928b: 115, 129–130; Bright 1966b: 304; Chamberlin 1939: 396, 1958; Keen 1929a: 33; Wood, S. L. 1951a: 128.

confinis LeConte 1876: 354. Lectotype ♀; Mojave region, California [USA]; MCZ, Cambridge, designated by Bright 1976b: 185.

Figures: Bright 1976d: 204, 213, 1981d: 268, 367. Distribution: North America (British Columbia in Canada/ Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming in USA).

Hosts: *Pinus albicaulis*, *P. contorta*, *P. coulteri*, *P. jeffreyi*, *P. lambertiana*, *P. monophylla*, *P. ponderosa*, *P. sabiniana*, *P. strobiformis*.

References: **(ay)** Hopkins 1894. **(bv)** Miller & Keen 1960: 115. **(cn)** Anonymous 1964h; Chamberlin 1924; Currie 1905: 71; Doane et al. 1936; Essig 1926: 519, 1958: 519; Evans, D. 1982: 8; Felt 1906: 751; Hopkins 1894: 278, 1904a: 16; Keen 1929c: 53; Lindgren 1980a: 68; Miller & Keen 1960: 115; Salman 1938a: 613–618; Schuder 1969: 78; Swaine 1918a: 97, 101. **(ec)** Felt 1906: 751; Miller & Keen 1960: 115; Salman 1938a: 613. **(hb)** Bright 1981d: 267; Bright & Stark 1973: 267; Chamberlin 1939: 375, 1958; Doane et al. 1936; Essig 1926: 519, 1958: 519; Evans, D. 1982: 8; Felt 1906: 751; Hopkins 1894g, 1904a: 16; Keen 1929c: 53; Lindgren 1980a: 68; Miller & Keen 1960: 115; Pierce, W. D. 1907: 290; Swaine 1918a: 97, 101. **(ds)** Anonymous 1964h; Atkinson & Equihua 1988: 94; Bright 1976d: 181, 1981d: 267; Bright & Stark

1973: 111; Chamberlin 1925, 1939: 375, 1958; Currie 1905; Essig 1926: 519, 1958: 519; Evans, D. 1983: 35; Ferrer 1942; Furniss, R. L. & Carolin 1977: 402; Gast et al. 1989: 385; Hagedorn 1910d: 70; Henshaw 1882: 268, 1885: 147; Hopkins 1893a: 130, 1893b: 209, 1899: 284, 344, 443; Hopping 1922; Keen 1929a: 32, 1929c: 53; Kleine 1913b: 140, 1914b: 351, 391, 1934a: 159; Leng 1920: 341; Patterson & Hatch 1945: 163; Schuder 1969: 78; Swaine 1909: 135; Wood, S. L. 1972a: 426, 1982b: 1079. **(tx)** Blackman 1928b: 60, 67; Bright 1976b: 185, 1976d: 204, 213, 1981d: 267–268, 367; Chamberlin 1939: 375, 1958; Evans, D. 1982: 8, 1983: 35; Hagedorn 1910a: 100; Keen 1929a: 32; LeConte 1876: 354; Schedl 1940a: 348; Swaine 1909: 135, 1918a: 97, 101; Wood, S. L. 1972a: 426, 1982b: 1079.

confractus Bright 1985c: 179. Holotype ♀; Jamaica: Portland between Hardwar Gap and Green Hills, 1100 m; Carnegie Museum of Natural History, Pittsburgh.

Distribution: Antilles Islands (Jamaica).

References: **(ds)** Bright 1985c: 176, 179. **(tx)** Bright 1985c: 176, 179.

confusus Blandford 1904: 237. Lectotype ♀; San Geronimo, Guatemala; BMNH, London, designated by Bright 1976b: 184.

Figures: Bright 1981d: 370.

Distribution: North America (El Salvador/ Guatemala/ Honduras/ Chiapas, Durango, Guerrero, Jalisco in Mexico/ Nicaragua/ Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Pennsylvania, South Carolina, Texas, Virginia, West Virginia in USA).

Hosts: *Pinus echinata*, *P. elliotti*, *P. michoacana*, *P. ochoterenai*, *P. oocarpa*, *P. palustris*, *P. taeda*.

Notes: (3) Bright 1981d: 291 (subspecies *bellus* recognized). Subspecies apparently based on obscure clinal variation: validity very doubtful (SLW).

References: **(bv)** Turnbow & Franklin 1980. **(ec)** Becker 1953, 1955. **(hb)** Becker 1953, 1955; Deyrup & Atkinson 1987a: 66; Schwerdtfeger 1957c: 494. **(ds)** Atkinson & Equihua 1985c: 360, 1988: 96; Becker 1953; Blackwelder 1947: 781; Bright 1981d: 291; Deyrup & Atkinson 1987a: 66; Kleine 1913b: 140, 1914b: 363; Schedl 1963c: 158, 1977e: 42; Turnbow & Franklin 1980; Wood, S. L. 1977a: 72, 1982b: 1100. **(tx)** Blandford 1904: 237; Bright 1976b: 184, 1981d: 291; Hagedorn 1910a: 100; Hopkins 1905b: 74; de Ruelle 1970: 104; Schedl 1938a: 183, 1955g: 18–19; Wood, S. L. 1977d: 515, 1982b: 1100.

bellus Blackman 1928b: 123. Holotype ♀; Monongalia Co., West Virginia [USA]; USNM, Washington. Synonymy: Wood 1977d: 515.

Notes: (3) Bright 1981: 291 (a subspecies of *confusus*, validity?).

References: **(cn)** Blackman 1950. **(hb)** Beal & Massey 1945: 129; Blackman 1950; Chamberlin

1939: 396. **(ds)** Beal & Massey 1945: 129; Blackman 1950; Bright 1981d: 291; Chamberlin 1939: 396; Kirk 1969, 1970; Kleine 1934a: 158; Knull 1932: 66; Leng & Mutchler 1933: 52; Smith, J. B. 1910: 401. **(tx)** Beal & Massey 1945: 129; Blackman 1928b: 115, 123–124; Bright 1981d: 291, 370; Chamberlin 1939: 396; Hopkins 1915c: 186; de Ruette 1970: 108; Wood, S. L. 1977d: 515.

congonus Eggers 1927a: 185. Syntypes, sex?; Belg. Congo; MRCB, Tervuren and Eggers Collection, 1 Eggers syntype in NHMW, Wien.
Distribution: Africa (Zaire).

Hosts: *Afzelia africana*, *Albizia gummifera*, *Pentaclethra eetveldeana*.

References: **(cn)** Ghesquiere 1933a. **(hb)** Schedl 1962j: 6. **(ds)** Ghesquiere 1933a: 33–35, 1933b: 783; Kleine 1934a: 159; Schedl 1962j: 6. **(tx)** Eggers 1927a: 185; Schedl 1938a: 183, 1962j: 5, 7, 1965f: 10, 1979c: 63.

conscriptus Bright 1986b: 680. Holotype ♀; Mexico: La Herradura, Mpio, Tepoztlán, Mor; CNCI, Ottawa.

Distribution: North America (Morelos in Mexico).
References: **(tx)** Bright 1986b: 680.

consimilis LeConte 1878b: 622. Lectotype ♂; Marquette, Michigan [USA]; MCZ, Cambridge, designated by Bright 1976b: 185.

Figures: Bright 1981d: 369.

Distribution: North America (Alberta, British Columbia, Manitoba, Nova Scotia, Ontario, Quebec, Saskatchewan in Canada/ Florida, Georgia, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Mississippi, New Hampshire, New York, North Carolina, Ohio, South Carolina, Tennessee, Virginia, West Virginia, Wisconsin in USA).

Hosts: *Picea glauca*, *P. sp.*, *Pinus banksiana*, *P. resinosa*, *P. rigida*, *P. strobus*, *P. taeda*, *P. virginiana*, *P. spp.*, *Larix laricina*.

Notes: (3) Blackman 1928b: 131 (redescribed).

References: **(ay)** Thomas, J. B. 1957: 4. **(cn)** Beutenmiller 1891: 50; Blackman 1950; Doane et al. 1936; Felt 1906: 482, 503, 737; Schuder 1969: 80; Swaine 1918a: 104; Syme & Nystrom 1988: 84; Thomas, J. B. 1958: 394. **(ec)** Ashmead 1894: 33; Bushing 1965: 464; Felt 1906: 482; Pierce, W. D. 1908: 385; Riley 1891c: 123; Riley & Howard 1891: 123; Schwarz 1889a: 163; Thomas, J. B. 1958: 394. **(hb)** Beal & Massey 1945; Blackman 1950; Chamberlin 1939: 397; Doane et al. 1936; Felt 1906: 482; Swaine 1918a: 104. **(ds)** Anonymous 1926c: 519; Beal & Massey 1945; Beaulne 1956; Blackman 1950; Blatchley & Leng 1916: 630; Bright 1976d: 186, 1981d: 283; Burks 1979: 781; Chamberlin 1939: 397; Chapin 1917: 29; Deyrup 1981b: 8; Dodge 1938; Evans, D. 1983: 35; Hagedorn 1910d: 71; Henshaw 1882: 268, 1885: 147; Hopkins 1893a: 130, 1893b: 209;

Hubbard & Schwarz 1878a: 665, 1878b: 622; Kleine 1913b: 140, 1914b: 384, 1934a: 159; Leng 1920: 341; Leonard 1928: 519; Notman 1920: 184; Schuder 1969: 80; Schwarz 1889a: 163–164, 1891c: 357; Swaine 1909: 135; Syme & Nystrom 1988: 84; Ulke 1902: 56; Wood, S. L. 1982b: 1104. **(tx)** Beal & Massey 1945; Blackman 1921: 14–16, 1928b: 116, 131–133; Blatchley & Leng 1916: 630; Bright 1976b: 185, 1981d: 283, 369; Chamberlin 1939: 397; Dodge 1938: 43, 45; Evans, D. 1983: 35; Hagedorn 1910a: 100; LeConte 1878b: 622; Schedl 1955g: 25; Schwarz 1891a: 167, 1891c: 357, 1893: 167, 1909: 135; Swaine 1909: 135, 1918a: 104; Syme & Nystrom 1988: 84; Thomas, J. B. 1957: 4; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1977d: 515, 1982b: 1104.

granulatus Swaine 1917: 28. Lectotype ♂; presumably Manitoba, Quebec, or Nova Scotia [Canada]; CNCI, Ottawa, designated by Bright 1967b: 678. Synonymy: Blackman 1928b: 132.

References: **(cn)** Barker 1949: 82; Browne 1968b: 566; Chamberlin 1924; Pettit 1928: 1–2; Swaine 1918a: 98, 103. **(hb)** Blackman 1919a, 1922b; Browne 1968b: 564; Swaine 1918a: 98, 103. **(ds)** Anonymous 1926c: 519; Blackman 1922b; Browne 1968b: 564; Chamberlin 1925; Hatch 1924; Kleine 1934a: 160; Leng 1920: 341; Leonard 1928: 519. **(tx)** Blackman 1919a: 85–96, 1919b: 137–139, 1922b: 101, 107–108, 1928b: 131–133; Bright 1967b: 678; Hoebeke 1978; de Ruette 1970: 109; Swaine 1917: 28, 1918a: 98, 103.

nudus Swaine 1917: 30. Lectotype ♂; Ste. Anne de Bellevue, Quebec [Canada]; CNCI, Ottawa, designated by Bright 1967b: 678. Synonymy: Wood 1977d: 515.

References: **(cn)** Blackman 1950; Chamberlin 1924; Swaine 1918a: 98, 104; Swaine & Craighead 1924: 1–27. **(hb)** Beal & Massey 1945; Blackman 1922b: 102, 108, 1950; Chamberlin 1939: 397; Swaine 1918a: 98, 104; Thomas, J. B. 1958: 394. **(ds)** Anonymous 1926c: 519; Beal & Massey 1945; Beaulne 1956; Blackman 1922b: 102, 108, 1950; Chamberlin 1925, 1939: 397; Dodge 1938; Hatch 1924; Kleine 1934a: 160; Knull 1932: 66; Leng 1920: 341; Leonard 1928: 519. **(tx)** Beal & Massey 1945; Blackman 1919b: 139–140, 1922b: 102, 108, 1928b: 113, 116; Bright 1967b: 678; Chamberlin 1939: 397; Dodge 1938: 43–45; Hoebeke 1978; de Ruette 1970: 110; Swaine 1917: 28, 30, 1918a: 98, 103–106; Wood, S. L. 1977d: 515.

conspectus Wood 1976c: 360. Holotype ♀; Volcan Irazu, Cartago, Costa Rica, 2300 m; Wood Collection.
Distribution: North America (Costa Rica).

Hosts: *Quercus* sp.

References: **(ds)** Bright 1981d: 105; Wood, S. L.

- 1982b: 1083. **(tx)** Bright 1981d: 105; Wood, S. L. 1976c: 360, 1982b: 1083.
- coronarius Blackman** 1942a: 220. Holotype ♀; Jalisco, Mexico; USNM, Washington.
 Figures: Bright 1981d: 334.
 Distribution: North America (Jalisco in Mexico).
 Hosts: *Sambucus* sp.
 References: **(hb)** Burgos & Saucedo 1983: 122. **(ds)** Atkinson & Equihua 1985c: 359; Atkinson et al. 1986: 70; Blackwelder 1947: 781; Bright 1981d: 33, 1985a: 472; Burgos & Saucedo 1983: 122; Wood, S. L. 1942a: 220, 1982b: 1115. **(tx)** Blackman 1942a: 220; Bright 1981d: 33, 334.
- corruptus Wood** 1976c: 363. Holotype ♀; 5 km S Matamoros, Puebla, Mexico, 2000 m; Wood Collection.
 Distribution: North America (Puebla in Mexico).
 Hosts: *Toxicodendron* sp.
 References: **(ds)** Bright 1981d: 68, 1986a: 645, 1986b: 682. **(tx)** Bright 1981d: 68; McNamara 1984: 754; Wood, S. L. 1976c: 363, 1982b: 1133.
- cortezii Bright** 1977: 523. Holotype ♀; Ixtaccihuatl-Popocatepetl National Park, Mexico-Puebla border, Mexico; CNCI, Ottawa.
 Figures: Bright 1981d: 352.
 Distribution: North America (Mexico, Puebla in Mexico).
 Hosts: *Pinus hartwegii*.
 References: **(hb)** Atkinson & Equihua 1985c: 360; Atkinson et al. 1986a: 37. **(ds)** Atkinson & Equihua 1985a: 95, 1985c: 360, 1988: 96; Atkinson et al. 1986: 37; Bright 1981d: 172; Wood, S. L. 1982b: 1097. **(tx)** Bright 1977: 523, 1981d: 172, 352; McNamara 1984: 755; Wood, S. L. 1982b: 1097.
- corticalis Eichhoff** 1872a: 135. Holotype, sex?; Chili; Hamburg Museum, lost.
 Distribution: South America (Chile).
 References: **(ds)** Blackwelder 1947: 781; Gemminger & Harold 1872: 2688; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 332; Schedl 1972d: 144. **(tx)** Eichhoff 1872a: 135, 1878b: 191; Hagedorn 1910a: 100; Schedl 1938a: 183, 1951d: 17, 1951m: 112, 1972d: 144.
- costabilis Wood** 1976c: 352. Holotype ♀; 16 km W Tizapan, Jalisco, Mexico; Wood Collection.
 Distribution: North America (Jalisco).
 Hosts: *Thevetia* sp.
 References: **(ec)** Equihua & Atkinson 1986: 634. **(hb)** Atkinson et al. 1986: 70; Equihua & Atkinson 1986: 634. **(ds)** Atkinson et al. 1986: 70; Bright 1981d: 74, 1985b: 482; Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 1121. **(tx)** Bright 1981d: 74, 1985b: 482; Wood, S. L. 1976c: 352, 1982b: 1121.
- costalimai Blackman** 1942a: 223. Holotype ♀; Brazil; USNM, Washington.
 Figures: Blackman 1942a: fig. 34.
 Distribution: South America (Brazil).
 References: **(cn)** Costa Lima 1956. **(hb)** Costa Lima 1956. **(ds)** Blackwelder 1947; Costa Lima 1956. **(tx)** Blackman 1942a: 223–224; Costa Lima 1956; Schedl 1938a: 165, 169.
- costatulus Wood** 1976c: 351. Holotype ♀; 29 km W Niltpec, Oaxaca, Mexico; Wood Collection.
 Distribution: North America (Jalisco, Oaxaca in Mexico).
 Hosts: *Thevetia* sp.
 References: **(ec)** Equihua & Atkinson 1986: 634. **(hb)** Atkinson et al. 1986: 70; Burgos & Saucedo 1983: 122; Equihua & Atkinson 1986: 634. **(ds)** Atkinson et al. 1986: 70; Bright 1981d: 73, 1985b: 482; Burgos & Saucedo 1983: 122; Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 1120. **(tx)** Bright 1981d: 73; McNamara 1984: 755; Wood, S. L. 1976c: 351, 1982b: 1120.
- costatus Wood** 1975b: 395. Holotype ♀; Tapanti, Cartago, Costa Rica, 1800 m; Wood Collection.
 Distribution: North America (Costa Rica).
 Hosts: Liana.
 References: **(ds)** Bright 1981d: 47; Wood, S. L. 1982b: 1025. **(tx)** Bright 1981d: 47; McNamara 1984: 755; Wood, S. L. 1975b: 395, 1982b: 1025.
- costifera Bright** 1985b: 477. Holotype ♀; Mexico: Taxco, Guerrero; CNCI, Ottawa.
 Distribution: North America (Guerrero in Mexico).
 Hosts: Apocynaceae sp.
 References: **(tx)** Bright 1985b: 477.
- cracentis Bright** 1985b: 477. Holotype ♀; Mexico: Carr. Xochicalco-Cuentepec, Km 6, Temixco, Moralia; CNCI, Ottawa.
 Distribution: North America (Morelos in Mexico).
 Hosts: Compositae sp.
 References: **(tx)** Bright 1985b: 477.
- crassus Blackman** 1928b: 67. Holotype ♀; Capitan, New Mexico [USA]; USNM, Washington.
 Figures: Bright 1981d: 368.
 Distribution: North America (Durango, Hidalgo, Mexico, Michoacan, Morelos, Nuevo Leon, Oaxaca, Puebla, Querteraro, Tlaxcala, Veracruz in Mexico/ Arizona, Colorado, New Mexico, W Texas, Wyoming in USA).
 Hosts: *Pinus aristata*, *P. arizonica*, *P. ayacahuite*, *P. cembroides*, *P. contorta* (rare), *P. cooperi*, *P. culminicola*, *P. durangensis*, *P. edulis*, *P. engelmannii*, *P. flexilis*, *P. greggii*, *P. hartwegii*, *P. leiophylla*, *P. lunnholtzii*, *P. montezuma*, *P. oocarpa*, *P. patula*, *P. ponderosa*, *P. strobiformis*, *P. teocote*.
 References: **(hb)** Atkinson et al. 1986: 37; Burgos & Saucedo 1983: 120; Chamberlin 1939: 376. **(ds)** Atkinson & Equihua 1985a: 97, 1988: 96; Atkinson et al. 1986: 37; Bright 1981c: 275; Burgos & Saucedo 1983: 120; Chamberlin 1939: 376; Keen 1929a: 32; Kleine 1934a: 159; Leng & Mutchler 1933: 62; Rio Mora 1985: 11; Schedl 1963c: 158. **(tx)** Blackman 1928b: 60, 67–69, 1942a: 212–213;

Bright 1981d: 275, 368; Chamberlin 1939: 376; Keen 1929a: 32; Rio Mora 1985: 11; de Ruette 1970: 109; Wood, S. L. 1982b: 1081.

crinalis Blackman 1928b: 41. Holotype ♀; Washington, D.C. [USA]; USNM, Washington.

Figures: Bright 1981d: 338.

Distribution: North America (Connecticut, District of Columbia, Florida, Georgia, Illinois, Indiana, Kentucky, Maryland, Massachusetts, Michigan, Mississippi, North Carolina, Texas, West Virginia in USA).

Hosts: *Rhus toxicodendron*, *R. vernix*.

References: **(bv)** Turnbow & Franklin 1980. **(hb)**

Baker, W. L. 1972: 255; Beal & Massey 1945: 128; Chamberlin 1939: 362; Deyrup & Atkinson 1987a: 66. **(ds)** Beal & Massey 1945: 128; Bright 1981d: 66; Chamberlin 1939: 362; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66; Drooz 1985: 363; Favinger & Wade 1973; Kline 1934a: 159; Leng & Mutchler 1933: 52; Turnbow & Franklin 1980; Wood, S. L. 1982b: 1134. **(tx)** Beal & Massey 1945: 128; Blackman 1928b: 41; Bright 1981d: 66, 338; Chamberlin 1939: 362; McNamara 1984: 755; Weber, B. C., & McPherson 1991: 54; Wood, S. L. 1982b: 1134.

cristatus Wood 1964: 68. Holotype ♀; 14 km N Perote, Veracruz, Mexico; Wood Collection.

Figures: Bright 1981d: 118, 343.

Distribution: North America (Durango, Hidalgo, Mexico, Michoacan, Oaxaca, Veracruz in Mexico/ Arizona in USA).

Hosts: *Pinus ayacahuite*, *P. engelmannii*, *P. leiophylla*, *P. lumholtzii*, *P. spp.*

References: **(hb)** Atkinson & Equihua 1985c: 359; Atkinson et al. 1986: 37; Burgos & Saucedo 1983: 118. **(ds)** Atkinson & Equihua 1985c: 359, 1988: 96; Atkinson et al. 1986: 37; Bright 1971b: 68, 1981d: 114; Burgos & Saucedo 1983: 118; Rio Mora 1985: 13; Thomas, J. B. 1966; Wood, S. L. 1982b: 1067. **(tx)** Bright 1981d: 114, 118, 343; Rio Mora 1985: 13; Wood, S. L. 1964: 68, 1982b: 1067.

crotonis Wood 1977d: 517. Holotype ♂; 30 km E Merida, Merida, Venezuela, 2500 m; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Croton* sp.

References: **(tx)** Wood, S. L. 1977d: 517.

culminicola Bright 1977: 524. Holotype ♀; Cerro Potosi, Nuevo Leon, Mexico; CNCI, Ottawa.

Figures: Bright 1981d: 359.

Distribution: North America (Nuevo Leon in Mexico).

Hosts: *Pinus culminicola*.

References: **(ds)** Bright 1981d: 215; Wood, S. L. 1982b: 1036. **(tx)** Bright 1977: 524, 1981d: 215, 359; McNamara 1984: 755; Wood, S. L. 1982b: 1036.

cuspidatus Blackman 1942a: 217. Holotype ♀; Jacala, Hidalgo, Mexico; USNM, Washington.

Distribution: North America (Durango, Hidalgo, Mexico, Puebla, Veracruz in Mexico/ S Arizona in USA).

Hosts: *Pinus ayacahuite*, *P. lawsonii*, *P. lumholtzii*, *P. ponderosa*, *P. strobiformis*.

References: **(ds)** Atkinson & Equihua 1985c: 98, 1988: 96; Blackwelder 1947: 781; Bright 1981d: 324. **(tx)** Blackman 1942a: 217; Bright 1981d: 324; McNamara 1984: 755.

debilis Wood 1976a: 354. Holotype ♀; San Ignacio de Acosta, San Jose, Costa Rica; Wood Collection. Distribution: North America (Costa Rica/ Chiapas in Mexico).

Hosts: *Mauria glauca*, *Rhus* sp., and a tree branch.

References: **(ds)** Bright 1981d: 15; Wood, S. L. 1982b: 1122. **(tx)** Bright 1981d: 15; McNamara 1984: 755; Wood, S. L. 1976a: 354, 1982b: 1122.

declivisetosus Bright 1977: 525. Holotype ♀; 51 km SE Nochistlan, Oaxaca, Mexico; CNCI, Ottawa.

Distribution: North America (Oaxaca in Mexico).

Hosts: *Pinus pringlei*, *P. sp.*

References: **(ds)** Bright 1981d: 251; Wood, S. L. 1982b: 1062. **(tx)** Bright 1977: 525, 1981d: 251; McNamara 1984: 755; Wood, S. L. 1982b: 1062.

degener Wood 1975b: 397. Holotype ♂; Volcan Chiriqui (near Cerro Punta), Chiriqui, Panama, 1800 m; Wood Collection.

Distribution: North America (Panama).

Hosts: Tree limb.

References: **(ds)** Bright 1981d: 96; Wood, S. L. 1982b: 1029. **(tx)** Bright 1981d: 96; Wood, S. L. 1975b: 397, 1982b: 1029.

deleoni (Blackman) 1942a: 201 (*Myeloborus*). Holotype ♀; El Seco, Puebla, Mexico; USNM, Washington.

Distribution: North America (Nuevo Leon, Puebla in Mexico).

Hosts: *Pinus* sp.

Notes: (1) Bright 1976c: 427 (to *Pityophthorus*).

References: **(hb)** Bright 1981d: 202; Bright & Stark 1973: 109. **(ds)** Blackwelder 1947: 781; Bright 1981d: 202; Bright & Stark 1973: 109; Wood, S. L. 1982b: 1044. **(tx)** Blackman 1942a: 201; Bright 1976c: 427, 1981d: 202; Wood, S. L. 1982b: 1044.

deletus LeConte 1879: 519. Lectotype, sex?; Veta Pass, Colorado [USA]; MCZ, Cambridge, designated by Bright 1976b: 185.

Figures: Bright 1981d: 343.

Distribution: North America (Coahuila, Durango in Mexico/ Arizona, California, Colorado, Nevada, New Mexico, South Dakota, W Texas, Utah, Wyoming in USA).

Hosts: *Pinus cembroides*, *P. edulis*, *P. monophylla*, uncommon in *P. flexilis*, *P. ponderosa*, *P. strobiformis*.

Notes: (3) Blackman 1928b: 43 (redescribed).

References: **(cn)** Swaine 1918a: 104. **(hb)** Cham-

berlin 1939: 364; Furniss, M. M. & Johnson 1987: 377; Swaine 1918a: 104. (**ds**) Atkinson & Equihua 1988: 96; Bright 1981d: 110, 1986b: 682; Chamberlin 1939: 364; Furniss, M. M. & Johnson 1987: 377; Hagedorn 1910d: 71; Henshaw 1882: 268, 1885: 147; Keen 1929a: 32; Kleine 1913b: 140, 1934a: 159; Leng 1920: 341; Swaine 1909: 135; Wickham 1896a: 309; Wood, S. L. 1982b: 1040. (**tx**) Blackman 1928b: 43–46; Bright 1976b: 185, 1977: 515, 1981d: 110, 343; Chamberlin 1939: 364; Hagedorn 1910a: 100; Keen 1929a: 32; LeConte 1879: 519; Swaine 1909: 135, 1918a: 104; Wood, S. L. 1977c: 387, 1982b: 1040.

inquietus Blackman 1928b: 46. Holotype ♀; Las Vegas H.S. [Hot Springs], New Mexico [USA]; USNM, Washington. Synonymy: Wood 1977c: 387.

References: (**hb**) Chamberlin 1939: 364. (**ds**) Chamberlin 1939: 364; Keen 1929a: 32; Kleine 1934a: 160; Leng & Mutchler 1933: 52; Wood, S. L. 1948: 51, 1951a: 128, 1972a: 425. (**tx**) Blackman 1928b: 43–47; Chamberlin 1939: 364; Keen 1929a: 32; de Ruelle 1970: 109; Wood, S. L. 1951a: 128, 1972a: 425, 1977c: 387.

monophyllae Blackman 1928b: 47. Holotype ♀; Argus Mts., California [USA]; USNM, Washington. Synonymy: Wood 1977c: 387.

References: (**hb**) Bright & Stark 1973: 107; Chamberlin 1939: 365. (**ds**) Bright & Stark 1973: 107; Chamberlin 1939: 365; Keen 1929a: 32; Kleine 1934a: 160; Leng & Mutchler 1933: 52. (**tx**) Blackman 1928b: 47; Bright 1971b: 67; Chamberlin 1939: 365; Keen 1929a: 32; Wood, S. L. 1964: 65, 1977c: 387.

socius Blackman 1928b: 48. Holotype ♂; Argus Mts., California [USA]; USNM, Washington. Synonymy: Bright 1971b: 67.

References: (**hb**) Chamberlin 1939: 365. (**ds**) Chamberlin 1939: 365; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 52. (**tx**) Blackman 1928b: 48; Bright 1971b: 67; Chamberlin 1939: 365; Keen 1929a: 32; McNamara 1984: 758.

piceus Bright 1966b: 297. Holotype ♀; Mount Pinos, Ventura Co., California [USA]; CAS, San Francisco. Synonymy: Bright 1971b: 67.

References: (**tx**) Bright 1966b: 297, 1971b: 67.

praealtus Bright 1966b: 303. Holotype ♀; Mt. Shasta Ski Area, Siskiyou Co., California [USA]; CAS, San Francisco. Synonymy: Wood 1977c: 387.

References: (**hb**) Bright & Stark 1973: 106. (**ds**) Bright & Stark 1973: 106. (**tx**) Bright 1966b: 303; de Ruelle 1970: 110; Wood, S. L. 1977c: 387.

brucki Bright 1971b: 63. Holotype ♂; Mt. Hawkins, San Bernardino Co., California [USA]; OSUC, Columbus. Synonymy: Wood 1977c: 388.

References: (**hb**) Bright & Stark 1973: 106. (**ds**) Bright & Stark 1973: 106. (**tx**) Bright 1971b: 63–64; Wood, S. L. 1977c: 387–388.

delicatus Wood 1978b: 399. Holotype ♀; 56 km SW El Salto, Durango, Mexico; Wood Collection. Distribution: North America (Guatemala/ Honduras/ Chiapas, Chihuahua, Durango, Mexico, Michoacan in Mexico).

Hosts: *Pinus ayacahuite*, *P. leiophylla*, *P. oocarpa*, *P. pseudostrobus*, *P. tenuifolia*, *P.* spp.

References: (**cn**) Schwerdtfeger 1956b: 48. (**hb**) Schwerdtfeger 1956b: 48. (**ds**) Atkinson & Equihua 1988: 96; Bright 1981d: 323; Wood, S. L. 1982b: 1109. (**tx**) Bright 1981d: 323; Wood, S. L. 1978b: 399, 1982b: 1109.

denticulatus (Wichmann) 1915a: 106 (*Trigonogenius*). Holotype ♂; Deutsch-Ostafrika; MNB, Berlin.

Distribution: Africa (Tanzania).

Hosts: Tree.

References: (**tx**) Eggers 1940a: 30; Lucas 1920: 683; Nunberg 1956: 208; Schedl 1952d: 347, 1957e: 878, 1958k: 144, 1960i: 106, 1962j: 7–8; Wichmann 1915a: 106–107.

dentifrons Blackman 1922c: 125. Holotype ♀; Orono, Maine [USA]; USNM, Washington.

Figures: Blackman 1922c: figs. 22–23.

Distribution: North America (Alberta, New Brunswick, Newfoundland, Nova Scotia, Ontario, Prince Edward Island, Quebec in Canada/ Maine, Maryland, Minnesota, New Hampshire, New York, North Carolina, West Virginia in USA).

Hosts: *Abies fraseri*, *Picea glauca*, *P. rubens*, *Pinus banksiana*, *P. strobus*.

References: (**cn**) Blackman 1950. (**hb**) Baker, W. L. 1972: 255; Beal & Massey 1945: 134; Blackman 1950; Chamberlin 1939: 379. (**ds**) Anonymous 1926c: 519; Baker, W. L. 1972: 255; Beal & Massey 1945: 134; Blackman 1950; Bright 1971a: 127, 1976d: 186, 1981d: 226; Chamberlin 1925, 1939: 379; Drooz 1985: 364; Kleine 1934a: 159; Leng & Mutchler 1927: 52; Leonard 1928: 519; Wood, S. L. 1982b: 1072. (**tx**) Beal & Massey 1945: 134; Blackman 1922c: 125–126, 1928b: 62, 81; Bright 1981d: 226; Chamberlin 1939: 379; de Ruelle 1970: 109; Wood, S. L. 1982b: 1072.

deodara (Stebbing) 1903: 274 (*Cryphalus*). Syn-types ♀; India: N.W. Himalayas, Bashahr Div., Kotgarh, Nagkela Forest, Jaunsar Div., Konain; FRI, Dehra Dun.

Distribution: Asia (Himachal Pradesh, Kashmir, and Uttar Pradesh in India).

Hosts: *Abies pindrow*, *A. webbiana*, *Cedrus deodara*, *Pinus excelsa*, *P. roxburghii*.

Notes: (3) Beeson 1941 (1961: 292) (cited *chir*, nomen nudum, *pindrow*, nomen nudum, synonyms).

References: (**cn**) Pierce, W. D. 1917: 52; Stebbing 1903a: 274, 1914: 528. (**ec**) Stebbing 1914: 528.

- (hb)** Stebbing 1903a: 274, 1914: 528. **(ds)** Beeson 1961: 292; Hagedorn 1910d: 41; Kleine 1913b: 118, 1914b: 269, 276, 1934a: 159; Pierce, W. D. 1917: 52; Stebbing 1903a: 274. **(tx)** Hagedorn 1910a: 86; Stebbing 1903: 274, 1914: 528.
- himalayensis* Stebbing 1914: 540 (*Cryphalus*).
 Syntypes, sex?: Jaunsar, Simla Forests, North-West Himalaya; FRI, Dehra Dun. Synonymy: Wood 1989: 175.
 References: **(cn)** Pierce, W. D. 1917: 52; Stebbing 1914: 540. **(ec)** Stebbing 1914: 540. **(hb)** Stebbing 1914: 540. **(ds)** Beeson 1961: 292; Pierce, W. D. 1917: 52; Schedl 1974a: 86. **(tx)** Stebbing 1914: 540; Wood, S. L. 1989: 175.
- sampsoni* Stebbing 1914: 551. Syntypes, sex?: Jaunsar, North-West Himalaya; FRI, Dehra Dun, lost. Synonymy: Wood 1989: 175.
 References: **(cn)** Browne 1968: 565; Pierce, W. D. 1917: 74; Stebbing 1914: 551. **(ec)** Beeson 1922c: 497; Stebbing 1914: 551. **(hb)** Beeson 1922c: 497; Browne 1968: 565; Stebbing 1914: 551. **(ds)** Beeson 1922c: 497, 1961: 292; Browne 1968: 565; Pierce, W. D. 1917: 74; Zethner 1973. **(tx)** Stebbing 1914: 551; Wood, S. L. 1989: 175.
- deprecator** Schaufuss 1891: 15. Syntypes 2, sex?: Madagascar; Hamburg Museum, lost.
 Distribution: Madagascar.
 References: **(ds)** Alluaud 1900: 441; Anonymous 1892: 165; Fairmaire 1892b; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 326; Schedl 1977b: 111. **(tx)** Fairmaire 1892b; Hagedorn 1910a: 100, 1913b: 244; Schaufuss 1891: 15; Schedl 1938a: 183, 1977b: 111.
- desultorius** Bright 1985b: 478. Holotype ♀; Mexico: Oriental, Puebla; CNCI, Ottawa.
 Distribution: North America (Puebla in Mexico).
 Hosts: Compositae sp.
 References: **(tx)** Bright 1985b: 478.
- detectus** Schedl 1972g: 66. Holotype ♀; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil).
 References: **(tx)** Schedl 1972g: 66.
- detentus** Wood 1976a: 352. Holotype ♀; Carapan, Michoacan, Mexico, 2300 m; Wood Collection.
 Distribution: North America (Michoacan, Queretaro in Mexico).
 Hosts: *Toxicodendron* sp., and a liana.
 References: **(ds)** Bright 1981d: 82; Wood, S. L. 1982b: 112. **(tx)** Bright 1981d: 82; McNamara 1984: 755; Wood, S. L. 1976a: 352, 1982b: 1121.
- digestus** (LeConte) 1874a: 71 (*Cryphalus*). Lectotype, sex?: Mojave Desert [USA]; MCZ, Cambridge, designated by Bright 1976b: 185.
 Figures: Bright 1981d: 366.
 Distribution: North America (Alberta, S British Columbia in Canada/ Durango in Mexico/ Arizona, California, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming in USA).
 Hosts: *Pinus contorta*, *P. jeffreyi*, *P. ponderosa*, *P. washoensis*.
 Notes: (1) LeConte 1876: 355 (to *Pityophthorus*). (3) Blackman 1928b: 54 (redescribed).
 References: **(hb)** Bright & Stark 1973: 108; Chamberlin 1939: 368. **(ds)** Blaisdell 1892: 36; Bright 1981d: 261; Bright & Stark 1973: 108; Chamberlin 1939: 368; Gast et al 1989: 385; Hagedorn 1910d: 71; Henshaw 1882: 269, 1885: 147; Keen 1929a: 32; Kleine 1913b: 140, 1914b: 391, 1934a: 159; Leng 1920: 341; Swaine 1909: 135; Wood, S. L. 1982b: 1032. **(tx)** Blackman 1928b: 53–55; Bright 1976b: 185, 1977: 514, 1981d: 261, 366; Chamberlin 1939: 368; Hagedorn 1910a: 100; Keen 1929a: 32; LeConte 1874a: 71, 1876: 354–355; Swaine 1909: 135; Wood, S. L. 1978b: 398, 1982b: 1032.
- idoneus* Blackman 1928b: 55. Holotype ♀; Centerville, Idaho [USA]; USNM, Washington. Synonymy: Bright 1977: 514.
 References: **(cn)** Anonymous 1964h; Lindgren 1980a: 68. **(hb)** Bright & Stark 1973: 108; Chamberlin 1939: 368, 1958: 149; Lindgren 1980a: 68. **(ds)** Anonymous 1964h; Bright 1976d: 182; Bright & Stark 1973: 108; Chamberlin 1939: 368; Evans, D. 1983: 35; Keen 1929a: 32; Kleine 1934a: 160; Leng & Mutchler 1933: 52; Wood, S. L. 1972a: 425. **(tx)** Blackman 1928b: 55; Bright 1966b: 304, 1977: 514; Chamberlin 1939: 368, 1958: 149; Evans, D. 1983: 35; Keen 1929a: 32; Wood, S. L. 1972a: 425.
- hopkinsi* Blackman 1928b: 56. Holotype ♀; California: Ventura Co. [USA]; USNM, Washington. Synonymy: Bright 1966b: 304.
 References: **(ec)** Marsh 1979: 150. **(hb)** Chamberlin 1939: 368. **(ds)** Chamberlin 1939: 368; Keen 1929a: 32; Kleine 1934a: 160; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 56; Bright 1966b: 304, 1977: 514; Chamberlin 1939: 368; Keen 1929a: 32.
- ponderosae* Blackman 1928b: 57. Holotype ♀; Las Vegas H.S. [Hot Springs], New Mexico [USA]; USNM, Washington. Synonymy: Bright 1966b: 304.
 References: **(cn)** Anonymous 1967f. **(hb)** Chamberlin 1939: 369, 1958: 150. **(ds)** Anonymous 1967f; Chamberlin 1939: 369, 1958: 150; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Smith, G. S. 1930. **(tx)** Blackman 1928b: 57; Bright 1966b: 304, 1977: 514; Chamberlin 1939: 369, 1958: 150; Hoebeke 1978; Keen 1929a: 32; de Ruelle 1970: 110; Schedl 1930: 195; Wood, S. L. 1967d: 39.
- aplanatus* Schedl 1930: 195. Holotype ♀; Athabasca Falls, Alberta [Canada]; CNCI, Ottawa. Synonymy: Wood 1978b: 398.

Notes: (3) Bright 1981d: 212 (a good species). Wood 1982b: 1032 (a character cline from Alberta to eastern Wyoming intergrades with *digestus*).

References: (cn) Lindgren, B. 1980a: 67. (hb) Chamberlin 1939: 369; Lindgren, B. 1980a: 67. (ds) Bright 1976d: 180, 1981d: 212; Chamberlin 1939: 369; Evans, D. 1983: 34; Leng & Mutchler 1933: 52. (tx) Bright 1981d: 212, 352; Chamberlin 1939: 369; Evans, D. 1983: 34; de Ruelle 1970: 108; Schedl 1930: 195; Wood, S. L. 1978: 398.

diglyphus Blandford 1904: 240. Lectotype, sex?; Quiche Mts., Guatemala; BMNH, London, designated by Bright 1976b: 184.

Distribution: North America (Guatemala).

Hosts: *Pinus pseudostrobus*.

References: (hb) Atkinson et al. 1986: 38; Burgos & Saucedo 1983: 118. (ds) Atkinson et al. 1986: 38; Blackwelder 1947: 781; Bright 1981d: 121, 1986b: 683; Burgos & Saucedo 1983: 118; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 362; Wood, S. L. 1982b: 1058. (tx) Blandford 1904: 240; Bright 1976b: 184, 1977: 515, 1981d: 121; Hagedorn 1910a: 100; Schedl 1938a: 183, 1955g: 18; Wood, S. L. 1982b: 1058.

diligens Wood 1976a: 363. Holotype ♀; 16 km E Pachuca, Hidalgo, Mexico; Wood Collection.

Distribution: North America (Hidalgo in Mexico).

Hosts: Desert shrub, *Zexmenia* sp.

References: (ds) Atkinson & Equihua 1985a: 92; Bright 1981c: 77, 1982b: 482, 1985b: 482; Wood, S. L. 1982b: 1132. (tx) Bright 1981d: 77; McNamara 1984: 755; Wood, S. L. 1976a: 363, 1982b: 1132.

dimidiatus Blackman 1942a: 221. Holotype ♀; Mexico [intercepted at USA port of entry]; USNM, Washington.

Distribution: North America ("Mexico").

References: (ds) Blackwelder 1947: 781; Bright 1981d: 41; Wood, S. L. 1982b: 1138. (tx) Blackman 1942a: 221; Bright 1981c: 41; McNamara 1984: 755; Wood, S. L. 1982b: 1138.

diminutivus Bright 1985a: 468. Holotype ♀; Mexico: Estacion de Biologia, Chamela, Edo. Jalisco; CNCI, Ottawa.

Distribution: North America (Jalisco in Mexico).

Hosts: Leguminosae sp.

References: (tx) Bright 1985a: 468.

dimorphus Schedl 1959m: 551. Holotype ♀; Matto Grosso: Rio Caraguata; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1959m: 551, 1979c: 81.

brasiliensis Schedl 1954b: 38. Syntypes ♀; Brasilien: Matto Grosso, Rio Caraguata; Schedl Collection in NHMW, Wien, and Plaumann Collection, preoccupied by Schedl

1938. Synonymy: Schedl 1979c: 81, Wood 1984b: 227.

Notes: (1) Schedl 1979c: 45 (citation of holotype invalid).

References: (tx) Schedl 1954b: 38, 1979c: 45, 81; Wood, S. L. 1984b: 227.

discretus Wood 1977c: 394. Holotype ♀; 5 km W El Salto, Durango, Mexico, 2500 m; Wood Collection.

Distribution: North America (Durango, Jalisco, Michoacan, Puebla in Mexico).

Hosts: *Pinus ayacahuite*, *P. sp.*

References: (ds) Bright 1981d: 283; Rio Mora 1985: 14; Wood, S. L. 1982b: 1098. (tx) Bright 1981d: 283; Wood, S. L. 1977c: 394, 1982b: 1098.

dispar Bright 1976c: 431. Holotype ♀; 11 km E San Cristobal, Chiapas, Mexico; CNCI, Ottawa.

Figures: Bright 1981d: 341.

Distribution: North America (Chiapas in Mexico).

Hosts: *Pinus montezuma*, *P. ochoterenai*.

References: (ds) Bright 1981d: 91; Wood, S. L. 1982b: 1037. (tx) Bright 1976c: 431, 1981d: 91, 341; McNamara 1984: 755; Wood, S. L. 1982b: 1037.

dissolutus Wood 1975b: 398. Holotype ♀; 13 km SE Cartago, Cartago, Costa Rica, 1800 m; Wood Collection.

Distribution: North America (Costa Rica/ Panama).

Hosts: Liana and a tree seedling.

References: (ds) Bright 1981d: 98; Wood, S. L. 1982b: 1031. (tx) Bright 1981d: 98; McNamara 1984: 755; Wood, S. L. 1975b: 398, 1982b: 1031.

diversus Bright 1972d: 87. Holotype ♂; Cornwall Mountain, Westmoreland Parish, Jamaica; CNCI, Ottawa.

Distribution: Antilles Islands (Jamaica).

References: (ds) Bright 1985c: 176. (tx) Bright 1972d: 87, 1985c: 176; McNamara 1977: 197.

djuguensis Eggers 1940b: 103. Holotype, sex?; Congostaat: Ituri (Djugu); MRCB, Tervuren.

Distribution: Africa (Zaire).

References: (tx) Eggers 1940b: 103–104; Schedl 1962j: 8.

ituriensis Eggers 1940b: 104. Holotype, sex?; Congostaat: Ituri (Djugu); MRCB, Tervuren.

Synonymy: Schedl 1962j: 8.

References: (tx) Eggers 1940b: 104; Schedl 1962j: 8.

dolus Wood 1964: 65. Holotype ♀; McCloud, Siskiyou Co., California [USA]; Wood Collection.

Distribution: North America (California in USA).

Hosts: *Pinus lambertiana*, *P. ponderosa*.

Notes: (3) Bright 1981d: 110 (treated this name as a synonym of *deletus*).

References: (hb) Bright & Stark 1973: 107. (ds) Bright 1981d: 110; Bright & Stark 1973: 107; Wood, S. L. 1982b: 1039. (tx) Wood, S. L. 1964: 65, 1982b: 1039.

dorsalis Schedl 1953d: 94. Syntypes ♂ ♀; Madagascar: Mt. d'Ambre; MNHN, Paris and Schedl Collection in NHMW, Wien.

Distribution: Madagascar.

Hosts: *Dichaetanthera cordifolia*.

References: (hb) Schedl 1977b: 111. (ds) Schedl 1977b: 111. (tx) Schedl 1953d: 94, 1965c: 69, 1977b: 111, 1979c: 83.

durus Blackman 1928b: 70. Holotype ♀; Paradise, Arizona [USA]; USNM, Washington.

Figures: Bright 1981d: 364.

Distribution: North America (Chihuahua, Durango, Hidalgo, Mexico, Michoacan, Morelos, Nuevo Leon, Oaxaca, Puebla, Sonora, Veracruz in Mexico/ Arizona in USA).

Hosts: *Pinus lawsoni*, *P. leiophylla*, *P. michoacana*, *P. pringlei*, *P. strobfiformis*, *P.* sp.

References: (hb) Atkinson et al. 1986: 38; Chamberlin 1939: 377. (ds) Atkinson & Equihua 1985a: 96, 1988: 96; Atkinson et al. 1986: 38; Bright 1981d: 252; Chamberlin 1939: 377; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Rio Mora 1985: 13; Thomas, J. B. 1966; Wood, S. L. 1982b: 1060. (tx) Blackman 1928b: 60, 70–71; Bright 1981d: 252, 364; Chamberlin 1939: 377; Rio Mora 1985: 13; Wood, S. L. 1982b: 1060.

eggersi Schedl 1952d: 347. Holotype ♀?; Kamerun; Schreiner Collection in Hamburg Museum to Eggers Collection, now in NHMW, Wien, automatic. Distribution: Africa (Cameroon).

References: (ds) Schedl 1966c: 225. (tx) Schedl 1952d: 347, 1962j: 8.

similis Eggers 1920: 34 (*Trigonogenius*). Holotype ♀?; Kamerun; Schreiner Collection in Hamburg Museum to Eggers Collection, in NHMW, Wien, preoccupied by Eichhoff 1869. References: (ds) Blackwelder 1947: 782; Hagedorn 1910d: 75. (tx) Eggers 1920: 34–35; Hagedorn 1910a: 101; Lucas 1920: 683; Schedl 1952d: 347, 1979c: 230.

elatinus Wood 1964: 66. Holotype ♀; 8 km W Ciudad Hidalgo, Michoacan, Mexico; Wood Collection.

Figures: Atkinson et al. 1986: 33, Bright 1981d: 345.

Distribution: North America (Mexico, Michoacan, Tlaxcala in Mexico).

Hosts: *Abies religiosa*.

References: (hb) Atkinson & Equihua 1985a: 93; Atkinson et al. 1986: 38; Burgos & Saucedo 1983: 119. (ds) Atkinson & Equihua 1985a: 93, 1988: 96; Atkinson et al. 1986: 38; Bright 1981d: 125; Burgos & Saucedo 1983: 119; Wood, S. L. 1982b: 1072. (tx) Atkinson et al. 1986: 33; Bright 1981d: 125, 345; Wood, S. L. 1964: 66, 1982b: 1072.

electus Blackman 1928b: 140. Holotype ♀; Ashland, Oregon [USA]; USNM, Washington.

Distribution: North America (California, Oregon in USA).

Hosts: *Pinus coulteri*, *P. jeffreyi*, *P. ponderosa*.

References: (hb) Chamberlin 1939: 401, 1958: 161. (ds) Bright 1981d: 254; Chamberlin 1939: 401, 1958: 161; Keen 1929a: 34; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1972a: 427, 1982b: 1066. (tx) Blackman 1928b: 140; Bright 1981d: 254; Chamberlin 1939: 401, 1958: 161; Keen 1929a: 34; Wood, S. L. 1972a: 427, 1982b: 1066.

elegans Schedl 1938a: 184. Holotype ♂; Guatemala; USNM, Washington.

Distribution: North America (Guatemala).

References: (ds) Blackwelder 1947: 781; Bright 1981d: 32; Wood, S. L. 1982b: 1028. (tx) Anderson, W. H. & Anderson 1971: 12; Bright 1981d: 32; Schedl 1938a: 184–185; Wood, S. L. 1982b: 1028.

elongatulus Schedl 1976a: 67. Holotype ♀; Tapuruquara, Rio Negro [Brazil]; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1976a: 67.

equihuai Bright 1985a: 469. Holotype ♀; Mexico: Estacion de Biologia, Chamela, Edo. Jalisco; CNCI, Ottawa.

Distribution: North America (Jalisco in Mexico).

References: (tx) Bright 1985a: 469.

erraticus Schedl 1976a: 68. Holotype ♀; Jacareacanga, Para, Brasil; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1976a: 68.

espinosai Brethes 1925: 202. Syntypes, sex?; Santiago, Chile; Brethes Collection in MACN, Buenos Aires.

Distribution: South America (Chile).

References: (ds) Blackwelder 1947: 781; Schedl 1972d: 144. (tx) Brethes 1925: 202; Porter 1932: 106; Schedl 1972d: 144.

euterpes Bright 1978: 75. Holotype ♂; 35 km W Lazaro Cardenas, Chiapas, Mexico; CNCI, Ottawa.

Distribution: North America (Chiapas in Mexico).

Hosts: *Pinus oocarpa*.

References: (ds) Atkinson & Equihua 1988: 96; Bright 1981d: 52; Wood, S. L. 1982b: 1128. (tx) Bright 1978: 75, 1981d: 52; McNamara 1984: 755; Wood, S. L. 1982b: 1128.

excellens Schedl 1972g: 66. Holotype ♀; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1972g: 66, 1979c: 93.

eximius Schedl 1938a: 184. Holotype ♀; Kongo [Lekimi, Schedl 1962j: 9]; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

References: **(tx)** Schedl 1938a: 184, 1962j: 9, 1979c: 94.

explicitus Wood 1975b: 399. Holotype ♂; 9 km NE Teziutlan, Puebla, Mexico, 1600 m; Wood Collection.

Distribution: North America (Puebla in Mexico).

Hosts: Liana.

References: **(ds)** Bright 1981d: 98; Wood, S. L. 1982b: 1031. **(tx)** Bright 1981d: 98; McNamara 1984: 755; Wood, S. L. 1975b: 399, 1982b: 1031.

exquisitus (Blackman) 1942a: 196 (*Neodryocoetes*). Holotype ♀; Mexico; USNM, Washington.

Figures: Blackman 1942a: fig. 21, Bright 1981d: 342.

Distribution: Antilles Islands (Virgin Islands), North America (Jalisco, Michoacan in Mexico).

Hosts: *Sambucus* sp.

Notes: (1) Bright 1981d: 102 (to *Pityophthorus*).

References: **(hb)** Atkinson et al. 1986: 38; **(ds)** Atkinson et al. 1986: 38, 72; Blackman 1942a: 196–197; Bright 1981d: 102, 176, 1986b: 683; Wood, S. L. 1982b: 1026. **(tx)** Blackman 1942a: 196–197; Bright 1981d: 102, 176, 342.

inceptus Wood 1975b: 396. Holotype ♀; 6 km W Quiroga, Michoacan, Mexico; Wood Collection. Synonymy: Bright 1981d: 102, Wood 1982b: 1026.

References: **(tx)** Bright 1981d: 102; Wood, S. L. 1975b: 396, 1982b: 1026.

exsculptus (Ratzeburg) 1837: 162. Syntypes, sex?; Europe; not located.

Distribution: Europe (Austria/ Bulgaria/ Czechoslovakia/ France/ Germany/ Hungary/ Poland/ Switzerland/ W USSR/ Yugoslavia).

Hosts: *Picea excelsa*, rare in *Pinus* spp.

References: **(ay)** Escherich 1923b: 483, 555, 602; Nusslin 1911a: 129. **(bv)** Chararas 1977b; Grune 1979: 115; Meixner 1937: 1214. **(cn)** Eckstein 1926: 579; Escherich 1923b: 483, 555, 602; Gabler 1955; Joly 1976; Judeich & Nitsche 1895: 526; Nosek 1951: 109; Nusslin 1913: 205; Pfeffer 1928a: 468, 1950c: 2; Pierce, W. D. 1917: 81; Rhumbler 1922: 308, 1927: 322; Schimitschek 1937c: 55, 1955a: 59, 1955c: 87; Schwerdtfeger 1944a: 181, 1957a: 186; Wachtl 1901: 381; Weber 1926: 579; Wichmann 1927b: 358. **(ec)** Balazy & Michalski 1964b; Kleine 1908c: 213; Michalski & Ratajczak 1989; Nosek 1951: 109; Nusslin 1927: 322; Pfeffer 1923a: 331, 1950c: 2, 1959: 2, 1960: 344; Schimitschek 1955a: 59; Schwerdtfeger 1944a: 181, 1957a: 186; Sedlaczek 1935a: 163; Zunn 1985b. **(hb)** Chararas 1977b; Charvat 1950; Eckstein 1926: 579; Escherich 1923b: 483, 555, 602; Fuchs 1904a; Gabler 1955; Györfi 1957; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski & Strawinski 1948: 156; Lengergen 1939: 65, 1954: 85; Lindemann 1881a: 236; Nusslin 1913: 205, 1927: 322; Pfeffer 1941a: 11, 1989a: 63; Postner 1974: 433; Ratzeburg 1837: 162, 1839: 197;

Rhumbler 1922: 308, 1927: 322; Schimitschek 1955a: 59; Schwerdtfeger 1944a: 181, 1957a: 186, 1981: 193; Sedlaczek 1935a: 163; Spessivtsev 1913a: 87, 1921b: 221; Tredl 1908b: 138, 1915a: 148; Wachtl 1876a: 460, 1901: 381; Weber, H. 1926: 579; Wichmann 1927b: 358. **(ds)** Ammann & Knabl 1923; Andras & Schaefer 1957; Buresh & Lazarov 1956; Calwer 1884, 1893; Chararas 1977b; Charvat 1950; Endrodi 1958b; Escherich 1923b: 483, 555, 602, 1932b; Fuchs 1904a, 1905a; Gaubil 1849: 126; Gemminger & Harold 1872: 2688; Grune 1979: 115; Hagedorn 1910d: 71; Heyden, Reitter, & Weise 1883: 182, 1891: 672, 1906: 712; Horion 1951; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski 1926: 82, 1931: 30, 1933a: 290; Karpinski & Strawinski 1948: 156; Kleine 1912a: 268, 1913a: 35, 1913b: 140, 1934a: 159; Kolbe, W. 1918: 211; Kraatz 1869: 59; Kurir 1947c: 6, 14; Langhoffer 1915c: 158; Leder 1871: 132; Lomnicki 1913b: 148; Lucht 1987: 278; Nunberg 1928b: 88, 112, 1938: 126, 1954: 70, 1960b: 158; Pacher 1865: 152; Pfeffer 1931b: 74, 1935: 159, 1947e: 4, 1950b: 75, 1960: 345, 1976: 340, 1989a: 63; Pierce, W. D. 1917: 81; Pittioni 1943: 176; Postner 1974: 433; Prossen 1913: 83; Ratzeburg 1837: 162, 1839: 197; Reitter 1894a: 76, 1916: 298; Roubal 1941: 269; Sainte-Claire & Mequignon 1938: 448; Schaufuss 1915: 1242; Schaum 1859: 95, 1862: 101; Schedl 1980a: 22; Schilsky 1909: 188; Schwerdtfeger 1981: 193; Seidlitz 1872: 394; Stein 1868: 114; Stein & Weise 1877: 164; Tredl 1907: 14, 1908b: 138; Wachtl 1876a: 460; Wichmann 1927a: 74. **(tx)** Bach 1854; Balachowsky 1949a: 234; Charvat 1950; Eggers 1914, 1915b: 13–14, 1920; Eichhoff 1864: 39; Endrodi 1957a: 307, 1957b; Escherich 1923b: 483, 555, 602; Ferrari 1867: 32, 1867b; Fleischer 1927; Formanek 1907: 38; Gabler 1955; Grune 1979: 115; Hagedorn 1910a: 101; Jansson 1936: 220; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski & Strawinski 1948: 156; Koch 1928: 82, 1932: 122; Kuhnt 1913: 1056; Letzner 1891: 376; Lindemann 1881a: 236; Lucht 1987: 278; Meixner 1937: 1214; Nunberg 1938: 126, 1954: 70; Nusslin 1911a: 129; Postner 1974: 433; Quaschik 1953: 35; Pfeffer 1932f: 23, 1940b: 107, 110, 1941c: 11, 1947e: 4, 1955a: 212, 1976: 340; Pjatnitskii 1931: 171–173; Ratzeburg 1837: 162, 1839: 197; Redtenbacher 1849a: 790, 1849b: 26; Reitter 1894a: 76, 1913a: 93, 1916: 298; Rhumbler 1922: 308, 1927: 322; Schedl 1934f: 1643, 1980a: 22; Schimitschek 1937c: 55, 1955c: 87; Seidlitz 1872: 394; Spessivtsev 1913a: 87–89, 1922: 221, 1923: 200–214, 1925: 50. **(ms)** Eggers 1910a, 1910b; Escherich 1932b.

macrographus Eichhoff 1880a: 200. Syntypes, sex?; Silesia; Hamburg Museum, lost. Synonymy: Balachowsky 1949a: 234.

References: **(cn)** Barbey 1925: 70; Judeich & Nitsche 1895: 525. **(ec)** Barbey 1927. **(hb)**

- Barbey 1901: 23, 78, 1925: 70; Bargmann 1906; Dombrowsky 1887, 1891; Eckstein 1897; Eichhoff 1881a: 147, 200; Henschel 1895a: 172; Judeich & Nitsche 1895: 525; Seitner 1911: 99. (**ds**) Gerhard 1898b; Grouzelle 1905; Hagedorn 1910d: 72; Henschel 1895a: 172; Heyden, Reitter, & Weise 1883: 182, 1891: 672; Judeich & Nitsche 1895: 525; Kleine 1913b: 140; Pfeffer 1935: 159; Schilsky 1909: 188; Seidlitz 1891a: 564, 1891b: 610. (**tx**) Balachowsky 1949a: 234; Barbey 1901: 23, 78; Dombrowsky 1887, 1891; Eichhoff 1881a: 147, 200; Hagedorn 1910a: 101; Henschel 1895a: 172; Judeich & Nitsche 1895: 525; Schedl 1934f: 1643; Seidlitz 1891a: 564, 1891b: 610; Seitner 1887: 44; Spessivtsev 1913: 87–89. (**ms**) Eggers 1910a, 1910b.
- exsectus** Schedl 1972g: 67. Holotype ♀; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1972g: 67, 1979c: 94.
- fallax** (Hagedorn) 1912c: 354 (*Trigonogenius*). Holotype, sex?; Amani, Deutsch-Ostafrika: Hamburg Museum, lost.
Distribution: Africa (Tanzania).
Hosts: *Khaya senegalensis*.
References: (**cn**) Hagedorn 1913a: 29. (**hb**) Hagedorn 1913a: 29; Schedl 1962j: 9. (**ds**) Hagedorn 1913a: 29; Kleine 1914b: 322, 1934a: 163; Schedl 1962j: 9. (**tx**) Eggers 1920: 34; Hagedorn 1912c: 354, 1913a: 29; Hopkins 1914: 131; Lucas 1920: 683; Schedl 1952d: 347, 1962j: 9; Wichmann 1915a: 107.
- festus** Wood 1967d: 39. Holotype ♂; 29 km W El Salto, Durango, Mexico; Wood Collection.
Figures: Bright 1981d: 359.
Distribution: North America (El Salvador/ Chiapas, Chihuahua, Durango, Jalisco, Mexico, Oaxaca, Puebla, Veracruz in Mexico/ Arizona in USA).
Hosts: *Pinus ayacahuite*, *P. durangensis*, *P. leiophylla*, *P. oocarpa*, *P. tenuifolia*, *P. sp.*
References: (**ds**) Atkinson & Equihua 1988: 96; Bright 1981d: 213; Rio Mora 1985: 14; Schedl 1977e: 42; Wood, S. L. 1982b: 1033. (**tx**) Bright 1981d: 213, 359; Rio Mora 1985: 14; de Ruelle 1970: 109; Wood, S. L. 1967d: 39, 1982b: 1033.
- flavimaculatus** Murayama 1963: 392. Holotype, sex?; Tairei, North Manchuria; Murayama Collection in USNM, Washington.
Distribution: Asia (Manchuria).
Hosts: *Picea obovata*.
References: (**tx**) Murayama 1963: 392.
- formosus** Bright 1972d: 88. Holotype ♂; Barbecue Bottom, Trelawny Parish, Jamaica; CNCI, Ottawa.
Distribution: Antilles Islands (Jamaica).
References: (**ds**) Bright 1985c: 176. (**tx**) Bright 1972d: 88, 1985c: 176; McNamara 1985c: 176.
- franseriae** Wood 1972d: 75. Holotype ♀; 10 km W High Rolls, Lincoln National Forest, New Mexico [USA]; Wood Collection.
Distribution: North America (New Mexico in USA).
Hosts: *Franseria* sp.
References: (**tx**) Bright 1981d: 80; Wood, S. L. 1972d: 75, 1982b: 1124.
- frontalis** (Schedl) 1967d: 8 (*Breviophthorus*). Holotype ♂; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1967d: 8, 1979c: 100.
- fulgens** Schedl 1965c: 68. Holotype ♀; Madagascar, Montagne d'Ambre; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
Hosts: Tree twigs.
References: (**tx**) Schedl 1965c: 68, 1977b: 111, 1979c: 101.
- furnissi** Bright 1976c: 433. Holotype ♀; Amecameca, Mexico; USNM, Washington.
Distribution: North America (Mexico in Mexico).
Hosts: *Pinus hartwegii*.
References: (**ds**) Atkinson & Equihua 1985a: 94; Bright 1981d: 144, 1986b: 683; Wood, S. L. 1982b: 1094. (**tx**) Bright 1976c: 433, 1981d: 144; McNamara 1984: 755; Wood, S. L. 1976c: 433, 1982b: 1094.
- fuscus** Blackman 1928b: 32. Holotype ♀; Glacier National Park, Montana [USA]; USNM, Washington.
Distribution: North America (British Columbia in Canada/ Montana in USA).
Hosts: *Pinus contorta*.
References: (**cn**) Lindgren 1980a: 68. (**hb**) Lindgren 1980a: 68. (**ds**) Bright 1976d: 182, 1981d: 211; Chamberlin 1939: 358; Gast et al. 1989: 385; Keen 1929a: 32; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1972a: 425, 1982b: 1053. (**tx**) Blackman 1928b: 30–33; Bright 1981d: 211; Chamberlin 1939: 358; Keen 1929a: 33; Wood, S. L. 1972a: 425, 1977d: 515; 1982b: 1053.
- smithi** Schedl 1931b: 163. Holotype ♀; Copper Mountain, British Columbia [Canada]; USNM, Washington. Synonymy: Wood 1977d: 515.
References: (**cn**) Lindgren 1980a: 69. (**hb**) Chamberlin 1939: 369, 1958: 150; Lindgren 1980a: 69. (**ds**) Bright 1976d: 184; Chamberlin 1939: 369, 1958: 150; Kleine 1934a: 161; Leng & Mutchler 1933: 95. (**tx**) Chamberlin 1939: 369, 1958: 150; de Ruelle 1970: 111; Schedl 1931b: 163, 1979c: 231; Wood, S. L. 1977d: 515.
- galeritus** Wood 1976a: 355. Holotype ♀; Rio Damitas, Dota Mts., San Jose, Costa Rica, 250 m; Wood Collection.
Distribution: North America (Costa Rica).

Hosts: *Rhcedia edulis*.

References: **(ds)** Bright 1981d: 75; Wood, S. L. 1982b: 1125. **(tx)** Bright 1981d: 75; Wood, S. L. 1976a: 355, 1982b: 1125.

germanus Bright 1976c: 434. Holotype ♂; 154 km N Oaxaca, Oaxaca, Mexico; CNCI, Ottawa.

Distribution: North America (Oaxaca in Mexico).
References: **(ds)** Bright 1981d: 51; Wood, S. L. 1982b: 1127. **(tx)** Bright 1976c: 434, 1981d: 51; McNamara 1984: 755; Wood, S. L. 1982b: 1127.

ghanaensis Schedl 1972k: 292. Holotype, sex²; Ghana: Ashanti Region, Kwadaso, 320 m, N 6 42, W 1 39; NHMB, Budapest.

Distribution: Africa (Ghana).
References: **(tx)** Schedl 1972k: 292, 1979c: 104.

glabratus (Schedl) 1955g: 26 (*Ctenyophthorus*).
Lectotype ♀; Guatemala, Quezaltenango, 2350 m; Schedl Collection in NHMW, Wien, designated by Bright 1976b: 186.

Figures: Bright 1981d: 344.
Distribution: North America (Guatemala/ Chiapas, Oaxaca in Mexico).

Hosts: *Pinus ayacalhuite*, *P. ochoternae*, *P. pringlei*, *P. rudis*, *P. pseudostrobus*.

Notes: (1) Bright 1976b: 186 (to *Pityophthorus*). Schedl 1979c: 105 (citation of holotype invalid). (3) Schedl 1963c: 162 (cited in *Neodryocoetes*).

References: **(hb)** Schwerdtfeger 1957c: 505. **(tx)** Bright 1976b: 186, 1977: 512, 1981d: 117, 359; Schedl 1955g: 18, 26, 1963c: 162, 1964m: 311, 1979c: 105; Wood, S. L. 1982b: 1056.

glabratus Eichhoff 1878b: 179. Holotype, sex²; Berlin, Corsica; Hamburg Museum, lost.

Figures: Grune 1979: 120.
Distribution: Africa (Egypt), Europe (Austria/ Bulgaria/ Corsica/ Czechoslovakia/ Denmark/ France/ Germany/ Greece/ Hungary/ Luxembourg/ Poland/ Spain/ S Sweden/ Switzerland/ W USSR).
Hosts: *Pinus mugo rotundata*, *P. nigra*, *P. sylvestris*, *P. uncinata*, rare in *Larix europaea*.

References: **(ay)** Escherich 1923b: 483, 555; Feytaud 1950a. **(bv)** Grune 1979: 121. **(cn)** Barbey 1924a, 1925: 281; Chorbadzhievo 1929; Eckstein 1926: 579, 1939a: 33–42, 81–92; Escherich 1923b: 483, 555; Feytaud 1950a; Grandi 1951; Joly 1976; Judeich & Nitsche 1895: 526; Maksimovic 1952: 20–40; Maksimovic & Milanovic 1964, 1966; Marcu 1926c: 65; Nusslin 1913: 205; Pierce, W. D. 1917: 75; Rhumbler 1922: 308, 1927: 322; Schimitschek 1937c: 55, 1955a: 29, 1955c: 87; Schwerdtfeger 1944a: 177, 1957a: 183; Wachtl 1883b: 319, 1901: 377, 381; Weber, H. 1926: 579; Wichmann 1927b: 361; Wilke 1931: 663. **(ec)** Barbey 1927; Berland 1934; Karpinski 1932a: 95; Kleine 1908c: 213; Masutti 1959: 268, 299; Michalski & Ratajczak 1989; Nusslin 1927: 322; Peyerimhoff 1928: 110–111; Pfeffer 1923a: 332, 1928b: 8, 1943b: 181, 1960: 346; Roubal 1934a: 86; Ruhm 1956b: 4; Schimit-

schek 1955a: 29; Schwerdtfeger 1944a: 177, 1957a: 183; Sedlaczek 1935a: 163; Seitner & Notzl 1925: 188; Thompson, W. R. 1943: 90; Wilke 1931: 663. **(hb)** Barbey 1901: 23, 76, 1913, 1924a, 1925: 281; Bargmann 1906; Chararas 1962c: 363; Charvat 1950; Chorbadzhievo 1929; Dombrowsky 1887, 1891; Eckstein 1926: 579, 1939a, 1939c; Eckstein, F. 1939; Eggers 1906; Eichhoff 1881a: 47, 196; Escherich 1923b: 483, 555; Feytaud 1950a; Grandi 1951; Györfi 1957; Hagedorn 1903a; Henschel 1895a: 172; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski 1948: 156; Karpinski & Strawinski 1948: 156; Kemner 1919: 175; Lengerken 1954: 86; Masutti 1959: 269, 299, 1964; Nunberg 1929c: 122; Nusslin 1913: 205, 1927: 322; Orest 1926b: 81; Pfeffer 1941b: 3; Postner 1974: 436; Rhumbler 1922: 308, 1927: 322; Schimitschek 1955a: 29; Schwerdtfeger 1944a: 177, 1957a: 183, 1981: 190; Sedlaczek 1935a: 163; Seitner & Notzl 1925: 188; Shatilov 1985; Spessivtsev 1913a: 88, 1921b: 220, 1923: 209; Stark 1926a: 336, 1952: 354; Tschorbadzhiev 1929: 170; Wachtl 1901: 377, 381; Weber, H. 1926: 579; Wichmann 1927b: 361. **(ds)** Ammann & Knabl 1913, 1923; Barthe 1896; Bejer-Petersen & Jorum 1977: 25; Borchert 1951; Brakman 1966b: 206; Buresh & Lazarov 1956; Champion 1894; Chararas 1962c: 363; Charvat 1950; Chorbadzhievo 1929; Eggers 1904, 1906; Endrodi 1958b; Escherich 1923b: 483, 555, 1932b; Everts 1922: 643, 1925; Fjellberg 1966: 154; Fuchs 1905a; Grune 1979: 121; Hagedorn 1903a, 1910d: 71; Hansen, V. 1939, 1956, 1964: 463; Hellen 1947; Henschel 1895a: 172; Heyden, Reitter, & Weise 1883: 182, 1891: 672, 1906: 71; Horion 1951; Jansson 1935: 77, 1936: 220; Jazentkovsky 1912: 288; Joly 1976; Judeich & Nitsche 1895: 526; Kangas 1968; Karpinski 1931: 30, 1932a: 95, 1948a: 173, 1948b: 231; Karpinski & Strawinski 1948: 156; Kemner 1919: 175; Kersten 1933: 76; Kiefer et al. 1942: 528; Klefbeck & Sjöberg 1960: 230; Kleine 1912a: 268, 1913a: 35, 1913b: 140, 1934a: 159; Kozikowsky 1921: 181; Kurir 1947c: 6; Lomnicki 1913b: 148; Lucht 1987: 278; Mahler 1987: 232; Maire et al. 1927: 1516; Marcu 1926c: 65, 1930: 327–336; Mequignon 1936: 54; Mirzorian 1950: 139; Morivee 1961: 141; Murayama 1940a: 232, 1942a: 55; Nunberg 1928b: 88, 112, 1938: 126–131, 1954: 71, 1960b: 159; Orest 1926c: 65, 81–87; Pfeffer 1924b: 471, 1928b: 8, 1931b: 74, 1947c: 12, 1950b: 76, 1960: 346, 1976: 340, 1984: 277, 1989a: 65; Pierce, W. D. 1917: 75. Pittioni 1943: 175; Postner 1974: 436; Prossen 1913: 83; Rapp 1934: 729; Reitter 1894a: 76; Roubal 1935b: 72, 1941: 269; Sainte-Claire 1914: 472; Sainte-Claire & Mequignon 1938: 447; Schaufuss 1915: 1243; Schedl 1971d: 427, 1980a: 22, 1981b: 78; Schilsky 1891: 157, 1909: 188; Schwerdtfeger 1981: 190; Seidlitz 1891a: 564, 1891b: 610; Stark 1926a: 336, 1926b: 105, 1926j:

- 127, 1952: 554; Stein & Weise 1877: 164; Tredl 1907: 14; Tschorbadjiev 1929: 170; Wichmann 1927a: 73; Wilke 1931: 663; Zinovjev 1955: 187. (**tx**) Balachowsky 1949a: 237; Barbey 1901: 23, 76; Charvat 1950; Dombrowsky 1887, 1891; Eggers 1915b: 13–14, 1920: 125–126; Eichhoff 1878b: 179, 1881a: 47, 196, 1883a: 110, 134; Endrodi 1957a: 307, 1957b; Escherich 1923b: 483, 555; Everts 1922: 643; Ferrant 1911; Fleischer 1927; Formanek 1907: 37; Grune 1979: 120–121; Hagedorn 1904e, 1910a: 101; Hansen, V. 1956, 1964: 463; Henschel 1895a: 172; Iablokoff-Khnzorian 1961: 105; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski & Strawinski 1948: 156; Koch 1913: 126, 1932: 121; Kuhnt 1913: 1056; Lucht 1987: 278; Michalski 1969b: 569; Murayama 1940a: 232; Nunberg 1929c: 122, 1938: 126; Peyerimhoff 1930: 258–259; Pfeffer 1927: 111–112, 1932b: 23, 1940b: 109, 112, 120, 1941b: 3, 1947e: 12, 1955a: 219, 1976: 340; Postner 1974: 436; Quaschik 1953: 35; Reitter 1894a: 76, 1913a: 94; Rhumbler 1922: 38, 1927: 322; Schedl 1934f: 1643, 1938a: 164, 1952f: 87, 1980a: 22, 1981b: 78; Schimitschek 1937c: 55, 1955c: 87; Seidlitz 1891a: 564, 1891b: 610; Seitner 1887: 45; Sokanovskii 1929: 670–672; Spessivtsev 1913a: 88, 1922a: 488, 490, 1922b: 219–221, 1923: 209, 1925a: 183, 1926: 50, 1929c: 298–303, 1931: 64; Stark 1952: 354. (**ms**) Escherich 1932b.
- glutae** Wood 1989: 183. Holotype ♀; Tamil Nadu: Evergreens, Tinnevely (Tirunelveli); FRI, Dehra Dun.
Distribution: Asia (Tamil Nadu in India).
Hosts: *Gluta travancorica*.
References: (**cn**) Mathur & Singh 1960b: 14. (**ds**) Mathur & Singh 1960b: 14. (**tx**) Wood, S. L. 1989: 183.
- grandis** Blackman 1928b: 119. Holotype, sex?; Arizona: Kaibab National Forest [USA]; USNM, Washington.
Figures: Bright 1981d: 370.
Distribution: North America (British Columbia in Canada/ Arizona, California, Colorado, Nebraska, New Mexico, South Dakota, W Texas, Utah, Wyoming in USA).
Hosts: *Pinus flexilis*, *P. leiophylla*, *P. monophylla*, *P. ponderosa*.
References: (**cn**) Blackman 1931c. (**ec**) Blackman 1931c. (**hb**) Blackman 1931c; Bright & Stark 1973: 115; Chamberlin 1939: 395, 1958: 157. (**ds**) Bright 1976d: 182, 1981d: 289; Bright & Stark 1973: 115; Chamberlin 1939: 395, 1958: 157; Keen 1929a: 33; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1972a: 426, 1982b: 1106. (**tx**) Blackman 1928b: 114, 119–121; Bright 1981d: 289, 370; Chamberlin 1939: 395, 1958: 157; Keen 1929a: 33; de Ruette 1970: 109; Wood, S. L. 1972a: 426, 1982b: 1106.
- granulipennis** Schedl 1965c: 69. Holotype ♀; Madagascar, Mt. d'Ambre; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
Hosts: Tree twigs.
References: (**tx**) Schedl 1965c: 69, 1977b: 112, 1979c: 112.
- granulosus** (Schedl) 1972h: 60 (*Breviophthorus*).
Holotype, sex?; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1972h: 60, 1979c: 112.
- guatemalensis** Blandford 1904: 239. Lectotype ♀; Guatemala City, Guatemala; BMNH, London, designated by Bright 1976b: 184.
Figures: Bright 1981d: 342.
Distribution: North America (Guatemala).
Hosts: Probably *Quercus* sp.
Notes: (3) Bright 1981d: 106 (treated *quercinus* as a synonym; it is at least a subspecies, perhaps a distinct species).
References: (**hb**) Bright 1981d: 106. (**ds**) Blackwelder 1947: 782; Bright 1981d: 106; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 363; Wood, S. L. 1982b: 1084. (**tx**) Blandford 1904: 239; Bright 1976b: 184, 1977: 515, 1981d: 106, 342; Hagedorn 1910a: 101; Schedl 1938a: 183, 1955g: 18; Wood, S. L. 1982b: 1084.
- gunneri** Schedl 1970f: 583. Holotype ♀; Guyane française, Camopi-Oyapock dans nid d'*Atta*; Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne).
Notes: (1) Below the type label on the holotype is a subsequently placed white label with red margin that says "holotype, *Pityophthorus quadrispinatus* Schedl." Whether this was an error in labeling or a suggestion of synonymy by Schedl was not determined.
References: (**tx**) Schedl 1970f: 583–584, 1979c: 113.
- henscheli** Seitner 1887: 44. Syntypes, sex?; Tyrol, Austria; not located, 1 syntype in NHMW, Wien.
Figures: Grune 1979: 118.
Distribution: Europe (Austria/ Czechoslovakia/ Germany/ Greece/ Hungary/ Italy/ Poland/ Romania/ W USSR/ Yugoslavia).
Hosts: *Pinus cembrae montana*, *P. heldreichi*, *P. mugo*.
Notes: (1) Schedl 1979c: 116 (citation of holotype invalid).
References: (**bv**) Grune 1979: 119; Hellrigl 1985. (**cn**) Schimitschek 1938b: 114, 1955a: 42; Schwerdtfeger 1944a: 177, 1957a: 183; Wachtl 1901: 381; Wichmann 1927b: 378. (**ec**) Hellrigl 1985; Heqvist 1955a: 96; Jahn & Sinreich 1960b; Kleine 1908c: 213; Pfeffer 1960: 346; Ruschka 1925: 200; Schimitschek 1955a: 42; Seitner 1913a: 27; Seitner & Notzl 1925: 187; Schwerdtfeger 1944a: 177, 1957a: 183; Thompson, W. R. 1943: 90. (**hb**) Bargmann 1906; Dombrowsky 1891; Henschel

- 1895a; Karpinski & Strawinski 1948: 156; Knotek 1899b: 1, 1901: 565; Lengerken 1939: 65; Nunberg 1947c: 106; Schimitschek 1955a: 42; Seitner & Notzl 1925: 187; Schwerdtfeger 1944a: 177, 1957a: 183, 1981: 190; Spessivtsev 1921b: 221; Wachtl 1901: 381; Wichmann 1927b: 378. **(ds)** Ammann & Knabl 1923; Bilek 1944; Endrodi 1957a: 307, 1958b; Favre 1890; Fuchs 1905a; Grune 1979: 119; Hagedorn 1910d: 71; Henschel 1895a: 172; Heyden, Reitter, & Weise 1891: 672, 1906: 711; Horion 1951, 1954b: 21; Karpinski 1931: 30; Karpinski & Strawinski 1948: 156; Kleine 1913a: 35, 1913b: 140, 1934a: 160; Knotek 1899b: 1, 1901: 565; Kurir 1947c: 9; Lucht 1987: 278; Nunberg 1938: 126, 1954: 71; Pfeffer 1924a: 96, 1931b: 76, 1960: 346, 1989a: 66. Pittioni 1943: 176; Postner 1974: 436; Prossen 1913: 83; Reitter 1894a: 76, 1916: 299; Schedl 1967c: 71, 1980a: 22, 1981b: 78; Schilsky 1909: 188; Schimitschek 1938b: 114; Schwerdtfeger 1981: 190; Stierlin 1898: 441; Tredl 1907: 14; Wichmann 1927a: 73. **(tx)** Dombrowsky 1891; Eggers 1911a: 122, 1914: 189; Endrodi 1957a, 1957b; Fauvel 1887, 1889; Fleischer 1927; Grune 1979: 118–119; Hagedorn 1910a: 101; Hellrigl 1985; Henschel 1895a: 172; Karpinski & Strawinski 1948: 156; Lucht 1987: 278; Nunberg 1938: 126–131, 1954: 71; Pfeffer 1932b: 4, 1940b: 109, 113, 123, 1955a: 211; Postner 1974: 436; Reitter 1894a: 76, 1913a: 94, 1916: 299; Schedl 1934f: 1643, 1964m: 312, 1981b: 78; Seitner 1887: 44–45; Spessivtsev 1922: 221, 1926: 49; Stierlin 1898: 441, 1925: 187–196; Wichmann 1910a: 146. **(ms)** Eggers 1911b; Seitner 1913a: 27.
- hermosus Wood** 1976a: 356. Holotype ♀; Yucatan, Paraiso, Honduras; Wood Collection.
Distribution: North America (Honduras).
Hosts: *Eupatorium dalioides*, *Perynanthium grande*.
References: **(ds)** Bright 1981d: 40; Wood, S. L. 1982b: 1139. **(tx)** Bright 1981d: 40; McNamara 1984: 755; Wood, S. L. 1976a: 356, 1982b: 1139.
- hintzi Schedl** 1938h: 459. Syntypes ♂; Portugiesisch Guinea; MNB, Berlin and Schedl Collection in NHMW, Wien.
Distribution: Africa (Ghana/ Guinea-Bissau/ Ivory Coast/ Tanzania/ Zaire).
Hosts: *Khaya* sp., *Mitrageyne* sp.
Notes: (1) Schedl 1979c: 117 (citation of holotype invalid).
References: **(ds)** Browne 1975a: 758, 1981a: 126; Mayne & Donis 1962: 309; Schedl 1962j: 10, 1972e: 282, 1977d: 278, 1979b: 415. **(tx)** Schedl 1938h: 459, 1962j: 10, 1970i: 223, 1979c: 117.
- acuminatus Browne** 1965a: 192. Holotype ♀; Ivory Coast: Adiopodoume; RNH, Leiden, preoccupied by Schedl 1940a: 346. Synonymy: Schedl 1970i: 223 (possible synonymy).
References: **(tx)** Browne 1965a: 192; Schedl 1970i: 223.
- hispaniolus Bright** 1985c: 181. Holotype ♀; Colonia, Dominican Republic, 1000 m; NHMBS Basel, Switzerland.
Distribution: Antilles Islands (Dominican Republic).
References: **(ds)** Bright 1985c: 176. **(tx)** Bright 1985c: 176, 181.
- hylocuroides Wood** 1964: 69. Holotype ♀; 18 km NE Jacala, Hidalgo, Mexico; Wood Collection.
Distribution: North America (Hidalgo in Mexico).
Hosts: *Rhus* cf. *aromatica*.
References: **(ds)** Bright 1981d: 32, 1986b: 683; Wood, S. L. 1982b: 1120. **(tx)** Bright 1981d: 32; McNamara 1984: 756; Wood, S. L. 1964: 69, 1982b: 1120.
- ignotus Schedl** 1961e: 143. Holotype ♀; Madagascar, Mt. d'Ambre; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
References: **(tx)** Schedl 1953d: 69, 1961e: 143, 1977b: 112, 1979c: 120.
- ikelaensis Nunberg** 1967b: 322. Holotype ♀; Tshuapa, Ikela [Congo]; MRCB, Tervuren.
Figures: Nunberg 1967a: 337.
Distribution: Africa (Zaire).
References: **(tx)** Nunberg 1967a: 337, 1967b: 322.
- imitans (Eggers)** 1920: 34 (*Trigonogenius*). Lectotype, sex?, Amani (Deutsch-Ostafrika); USNM, Washington, designated by Anderson & Anderson 1971: 15.
Distribution: Africa (Tanzania).
References: **(ds)** Schedl 1962j: 10. **(tx)** Anderson, W. H. & Anderson 1971: 15; Eggers 1920: 34; Lucas 1920: 683; Nunberg 1969a: 396; Schedl 1952d: 347, 1979c: 121.
- immanis Blackman** 1928b: 98. Holotype ♀; Chiricahua Mts., Arizona [USA]; USNM, Washington.
Distribution: North America (Chihuahua in Mexico/ Arizona, New Mexico in USA).
Hosts: *Pinus ponderosa*, *P. strobiformis*.
References: **(hb)** Chamberlin 1939: 385. **(ds)** Bright 1981d: 15; Chamberlin 1939: 385; Keen 1929a: 33; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 89, 98–99; Bright 1981d: 159; Chamberlin 1939: 385; Keen 1929a: 33; McNamara 1984: 756; Wood, S. L. 1964: 67, 1977d: 515, 1982b: 1097.
- sulcatus Bright** 1977: 528. Holotype ♀; Mt. Lemon, Pima Co., Arizona [USA]; CNCI, Ottawa. Synonymy: Wood 1977d: 515, 1982b: 1096–1097.
Notes: Bright 1981d: 166 (treated as a distinct species).
References: **(ds)** Bright 1981d: 166. **(tx)** Bright 1977: 528, 1981d: 166, 352; McNamara 1984: 758; Schedl 1979c: 245; Wood, S. L. 1977d: 515, 1982b: 1096.
- impexus Bright** 1978: 76. Holotype ♀; 10 km S Carapan, Michoacan, Mexico; Wood Collection.

Distribution: North America (Durango, Mexico, Michoacan in Mexico).

Hosts: *Pinus ayacahuite*, *P. sp.*

References: (hb) Burgos & Saucedo 1983: 120. (ds) Atkinson & Equihua 1985a: 95; Bright 1981d: 197; Burgos & Saucedo 1983: 120; Wood, S. L. 1982b: 1086. (tx) Bright 1978: 76, 1981d: 197; McNamara 1984: 756; Wood, S. L. 1982b: 1086.

inaequidens Schedl 1976a: 68. Holotype, sex?; Jacareacanga, Para, Brasil; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1976a: 68.

indefessus Bright 1986a: 641. Holotype, sex?; Mexico: Estacion de Biologia, Chamela, Edo. Jalisco; CNCI, Ottawa.

Distribution: North America (Jalisco in Mexico).

References: (tx) Bright 1986a: 641.

indigen Wood 1976a: 361. Holotype ♀; 3 km W Armeria, Colima, Mexico, 70 m; Wood Collection. Distribution: North America (Colima, Jalisco, Oaxaca in Mexico).

Hosts: *Bursera* sp.

References: (ec) Equihua & Atkinson 1986: 634. (hb) Equihua & Atkinson 1986: 634. (ds) Bright 1981d: 79; Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 1126. (tx) Bright 1981d: 79; Wood, S. L. 1976a: 361, 1982b: 1126.

indigus Wood 1978b: 398. Holotype ♀; 3 km E Gould, Jackson Co., Colorado [USA]; Wood Collection, automatic.

Distribution: North America (Colorado in USA).

Hosts: *Pinus contorta*

References: (ds) Bright 1981d: 128; Wood, S. L. 1982b: 1053. (tx) Bright 1981d: 128; Wood, S. L. 1978b: 398, 1982b: 1053.

indigen Wood 1977b: 214. Holotype ♀; 3 km E Gould, Jackson Co., Colorado [USA]; Wood Collection, preoccupied by Wood 1976a: 361.

References: (tx) Wood, S. L. 1977b: 214, 1978b: 398.

irritans Schedl 1979j: 127. Holotype ♀; 3 km E Gould, Jackson Co., Colorado [USA]; Wood Collection, automatic.

Notes: (1) This is an unneeded replacement name for *indigen* Wood 1977: 214.

References: (tx) Bright 1981d: 128; Schedl 1979j: 127.

ineditus Bright 1976c: 434. Holotype ♀; 53 km S Valle Nacional, Oaxaca, Mexico; CNCI, Ottawa. Distribution: North America (Oaxaca, Veracruz in Mexico).

Hosts: *Pinus* sp.

References: (ds) Bright 1981d: 118; Wood, S. L. 1982b: 1057. (tx) Bright 1976c: 434, 1981d: 118; McNamara 1984: 756; Wood, S. L. 1982b: 1057.

infimus Schedl 1972g: 68. Holotype, sex?; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1972g: 68, 1979c: 124.

infulatus Blackman 1928b: 103. Holotype ♀; Sacramento Mts., New Mexico [USA]; USNM, Washington.

Distribution: North America (Arizona, New Mexico in USA).

Hosts: *Pinus ponderosa*, *P. strobiformis*.

References: (hb) Chamberlin 1939: 387. (ds) Atkinson & Equihua 1985c: 360, 1988: 98; Bright 1981d: 160; Chamberlin 1939: 387; Keen 1929a: 32; Kleine 1934a: 160; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1090. (tx) Blackman 1928b: 103; Bright 1977: 515, 1981d: 160; Chamberlin 1939: 387; Keen 1929a: 32; Wood, S. L. 1982b: 1090.

mollis Blackman 1928b: 104. Holotype ♀; Tortillo Canyon, New Mexico [USA]; USNM, Washington. Synonymy: Bright 1977: 514.

References: (hb) Chamberlin 1939: 387. (ds) Chamberlin 1939: 387; Keen 1929a: 33; Kleine 1934a: 160; Leng & Mutchler 1933: 52. (tx) Blackman 1928b: 104; Bright 1977: 514; Chamberlin 1939: 387; Keen 1929a: 33; McNamara 1984: 757.

hubbardi Blackman 1928b: 105. Holotype ♀; Chiricahua Mts., Arizona [USA]; USNM, Washington. Synonymy: Bright 1977: 514.

References: (hb) Chamberlin 1939: 387. (ds) Chamberlin 1939: 387; Leng & Mutchler 1933: 52. (tx) Blackman 1928b: 105, 1942a: 215–216; Bright 1977: 515; Chamberlin 1939: 387; McNamara 1984: 755.

ingens Blackman 1928b: 124. Holotype ♀; Santa Catalina Mts., Arizona [USA]; USNM, Washington. Distribution: North America (Chihuahua, Durango in Mexico/ Arizona in USA).

Hosts: *Pinus ponderosa*, *P. sp.*

References: (hb) Chamberlin 1939: 395. (ds) Bright 1981d: 281; Chamberlin 1939: 395; Furniss, M. M. 1978; Keen 1929a: 33; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 110. (tx) Blackman 1928b: 115, 124–125; Bright 1981d: 281; Chamberlin 1939: 395; Keen 1929a: 33; McNamara 1984: 756; Wood, S. L. 1982b: 1100.

inhabilis Bright 1986a: 642. Holotype ♀; Mexico: Chilapa, Guerrero; CNCI, Ottawa.

Distribution: North America (Guerrero in Mexico).

References: (tx) Bright 1986a: 642.

inops Wood 1976c: 353. Holotype ♀; Rincon de Osa, Puntarenas, Costa Rica; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Tree limb.

References: (ds) Bright 1981d: 15; Wood, S. L. 1982b: 1122. (tx) Bright 1981d: 15; Wood, S. L. 1976c: 353, 1982b: 1122, 1983a: 648.

insuetus Bright 1955b: 479. Holotype ♀; Mexico: Huizilac, Morelos: CNCI, Ottawa.

Distribution: North America (Morelos in Mexico).

Hosts: Compositae sp.

References: (tx) Bright 1985b: 479.

intentus Bright 1978: 77. Holotype ♀; Bear Canyon, Santa Catalina Mts., Arizona [USA]; CNCI, Ottawa.

Figures: Bright 1981d: 369.

Distribution: North America (Durango in Mexico/ Arizona in USA).

Hosts: *Pinus engelmannii*, *P. leiophylla*, *P. ponderosa*, *P. strobiformis*, *Pseudotsuga menziesii*.

References: (ds) Bright 1981d: 286; Wood, S. L. 1982b: 1105. (tx) Bright 1978: 77, 1981d: 286, 369; McNamara 1984: 756; Wood, S. L. 1982b: 1105.

intextus Swaine 1917: 29. Holotype ♂; Athabaska Landing, Alberta [Canada]; CNCI, Ottawa.

Distribution: North America (Alberta, British Columbia, Manitoba, New Brunswick, Newfoundland, Nova Scotia, Ontario, Saskatchewan in Canada/ Maine, Michigan, New Hampshire, New York, West Virginia, Wyoming in USA).

Hosts: *Picea canadensis*, *Pinus resinosa*.

Notes: (3) Blackman 1928b: 101 (redescribed). Bright 1981d: 147 (treated *ornatus* Blackman as a synonym).

References: (cn) Doane et al. 1936; Swaine 1918a: 97, 102. (hb) Chamberlin 1939: 386, 1958: 153–154; Doane et al. 1936; Swaine 1918a: 97, 102. (ds) Bright 1976d: 182, 1981d: 147; Chamberlin 1925, 1939: 386, 1958: 153–154; Drooz 1985: 364; Hopping 1922; Kleine 1934a: 160; Leng 1920: 341; Wood, S. L. 1972a: 426, 1982b: 1089. (tx) Blackman 1928b: 90, 101; Bright 1967b: 678, 1977: 515, 1981d: 147, 349; Chamberlin 1939: 386, 1958: 153–154; Hoebeke 1978; Pardy 1983; de Ruelle 1970: 109; Swaine 1917: 29–30, 1918a: 97, 102; Wood, S. L. 1972a: 426, 1977b: 209, 1982b: 1089.

shepardi Blackman 1922c: 124. Holotype ♀; Chamberlin Lake region, Township 7, R12, Piscataquis Co., Maine [USA]; USNM, Washington. Synonymy: Bright 1977: 515.

References: (cn) Blackman 1950. (hb) Baker, W. L. 1972: 255; Blackman 1950; Chamberlin 1939: 386. (ds) Anonymous 1926c: 519; Baker, W. L. 1972: 255; Blackman 1950; Bright 1971a: 127, 1976d: 188; Chamberlin 1925, 1939: 386; Kleine 1934a: 161; Leng & Mutchler 1927: 52; Leonard 1928: 519. (tx) Blackman 1922c: 124–125, 1928b: 90, 100–101; Bright 1977: 515; Chamberlin 1939: 386.

tonsus Blackman 1928b: 101. Holotype ♀; Grand Island, Michigan [USA]; USNM, Washington. Synonymy: Bright 1977: 515.

References: (cn) Blackman 1950. (hb) Blackman 1950; Chamberlin 1939: 386. (ds) Blackman 1950; Bright 1976d: 188; Chamberlin

1939: 386; Kleine 1934a: 161; Leng & Mutchler 1933: 52. (tx) Blackman 1928b: 101; Bright 1977: 515; Chamberlin 1939: 386; de Ruelle 1970: 111.

irregularis Eggers 1931b: 31. Holotype ♀; Brasilien (Sao Paulo); Eggers Collection, in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 782; Eggers 1931b: 31; Schedl 1972g: 44, 1979c: 128.

jeffreyi Blackman 1928b: 113. Holotype ♀; Inyo N.F., Bishop, California [USA]; USNM, Washington. Distribution: North America (California, Oregon in USA).

Hosts: *Pinus aristata*, *P. jeffreyi*, *P. ponderosa*, rare or accidental in other *Pinus* spp.

References: (hb) Bright & Stark 1973: 114; Chamberlin 1939: 389. (ds) Bright 1981d: 71; Bright & Stark 1973: 114; Chamberlin 1939: 389; Keen 1929a: 33; Kleine 1934a: 160; Leng & Mutchler 1933: 52. (tx) Blackman 1928b: 91, 113–114; Bright 1981d: 71; Chamberlin 1939: 389; Keen 1929a: 33; de Ruelle 1970: 110; Schedl 1939h: 167; Wood, S. L. 1982b: 1116.

joveri Schedl 1954d: 881. Lectotype ♀; Cote d'Ivoire, Adiopodoune; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 130. Figures: Schedl 1962j: 11.

Distribution: Africa (Equatorial Guinea/ Gabon/ Ghana/ Ivory Coast/ Zaire).

Hosts: *Fagara macrophylla*, *Phialodiscus bancoensis*.

References: (ec) Schedl 1958d: 190, 1962k: 10. (hb) Schedl 1958d: 191, 1962j: 10. (ds) Schedl 1962h: 59, 1962j: 10, 1966c: 225, 1971g: 191, 1972e: 282. (tx) Schedl 1954d: 881–882, 1962j: 10–11, 1962k: 1080, 1964j: 46, 1979c: 130.

jucundus Blandford 1894d: 87. Syntypes 4, sex?; near Nagasaki, Japan; BMNH, London.

Figures: Nobuchi 1966d: pl. 5.

Distribution: Asia (NE China/ Japan/ Korea/ Sakhalin Island, Siberia in E USSR).

Hosts: *Pinus densiflora*, *P. thunbergii*, *Picea ajanensis*, *Abies* sp.

References: (bv) Choo, Woo, & Park 1988. (cn) Inouye 1949b; Murayama 1957a: 7; Shiraki 1952; Yasunga 1962: 197–200. (ec) Inouye et al. 1955: 80. (hb) Inouye et al. 1955: 80; Stark 1952: 351. (ds) Blandford 1894c; Cho 1957; Choo 1983: 76; Choo & Woo 1985: 165; Choo, Woo, & Park 1988; Hagedorn 1910d: 71; Inouye 1949b; Kleine 1913b: 140, 1914b: 258, 1934a: 160; Ko 1969: 281; Kurenzov 1965; Murayama 1929b: 2, 1930a: 9, 1930b: 14, 1936b: 116, 1937b: 375, 1948: 2, 1949a: 12, 1949c: 101, 1950b: 1293, 1951c: 4, 1954a: 7, 1954b: 169, 1955: 99; Nobuchi 1966d: 33; Pfeffer 1976: 340; Shiraki 1952; Stark 1936c: 142, 1952: 351. (tx) Blandford 1894d: 87; Choo 1983: 76; Hagedorn 1910a: 101; Murayama

1930b: 14, 1934c: 298, 1937b: 375, 1950b: 1293, 1954b: 169, 1955: 99; Nobuchi 1966d: 33, pl. 5; Pfeffer 1940b: 108, 1976: 340; Pjatkitskii 1931: 169; Schedl 1934f: 1643, 1938a: 183; Stark 1952: 351.

juglandis Blackman 1928b: 42. Holotype ♀; Lone Mountain, New Mexico [USA]; USNM, Washington. Distribution: North America (Chihuahua in Mexico/ Arizona, California, New Mexico in USA). Hosts: *Juglans californica*, *J. major*, *J. nigra*. References: (bv) Roling & Kearby 1975b. (cn) Anonymous 1960q: 28, 1961t, 1964h. (hb) Bright & Stark 1973: 106; Chamberlin 1939: 362. (ds) Anonymous 1961t, 1964h; Bright 1981c: 81; Bright & Stark 1973: 106; Chamberlin 1939: 362; Furniss, R. L. & Carolin 1977: 402; Harper 1965: 82, 1969: 93; Keen 1929a: 32; Kleine 1934a: 160; Leng & Mutchler 1933: 52; Warner 1960: 1; Wood, S. L. 1960b: 69, 1977a: 72, 1982b: 1123. (tx) Blackman 1928b: 42; Bright 1981d: 81; Chamberlin 1939: 362; Keen 1929a: 32; McNamara 1984: 756; Wood, S. L. 1960b: 69, 1982b: 1123.

keeni (Blackman) 1928b: 19 (*Myeloborus*). Holotype, sex?; Jacumba, California [USA]; USNM, Washington.

Distribution: North America (Arizona, California, Colorado, New Mexico in USA).

Hosts: *Pinus cembroides*, *P. edulis*, *P. monophylla*.

Notes: (1) Bright 1976c: 427 (to *Pityophthorus*). References: (hb) Bright & Stark 1973: 96; Chamberlin 1939: 340. (ds) Bright 1981d: 209; Bright & Stark 1973: 96; Chamberlin 1939: 340; Keen 1929a: 31; Kleine 1934a: 163; Leng & Mutchler 1933: 53; Wood, S. L. 1982b: 1042. (tx) Blackman 1928b: 19; Bright 1976c: 427, 1981d: 209; Chamberlin 1939: 340; Keen 1929a: 31; McNamara 1984: 753; Wood, S. L. 1982b: 1042.

kenyae Schedl 1955i: 217. Syntypes, sex?; Kenya: Londiani; BMNH, London, and Schedl Collection in NHMW, Wien.

Distribution: Africa (Kenya).

Hosts: *Calodendrum capensis*.

References: (ds) Gardner 1957a: 31; Schedl 1962j: 12. (tx) Schedl 1955i: 217, 1962j: 12, 1979c: 132.

kirgisicus Pjatkitskii 1931: 167. Lectotype, sex?; Kirgisien, USSR; Pjatkitskii Collection, not located, designated by Michalski 1969a: 895.

Figures: Tsai & Li 1959: 94.

Distribution: Europe (W USSR).

Hosts: *Picea schrenkiana*.

References: (ec) Kostin 1964: 111. (hb) Kostin 1960: 133; Stark 1952: 348. (ds) Kadyrov 1989; Kleine 1934a: 160; Marikovskii 1956: 73; Parfentev 1951: 429; Pfeffer 1976: 340; Stark 1952: 348. (tx) Michalski 1969a: 895, 1969b: 569; Pfeffer 1940b: 108, 111, 117, 1976: 340; Pjatkitskii 1931: 167–169; Schedl 1934f: 1643, 1979c: 132; Stark 1952: 348; Tsai & Li 1959: 94.

kivuensis Schedl 1957d: 61. Holotype, sex?; Congo Belge: Kivu, Mt. Kahuzi versant Ouest, 2310 m; MRCB, Tervuren.

Figures: Schedl 1962j: 14.

Distribution: Africa (Zaire).

Hosts: *Albizia gumifera*, *Persea gratissima*, *Ricinus communis*, *Sapium manneanum*, *Trema orientale*.

References: (ec) Schedl 1962j: 14. (hb) Schedl 1962j: 14. (ds) Mayne & Donis 1962: 309; Schedl 1962j: 14. (tx) Schedl 1955i: 217, 1957d: 61, 1962j: 14, 1979c: 133.

knoteki Reitter 1898b: 356. Syntypes, sex?; Tyrol, Austria; NHMB, Budapest.

Figures: Grune 1979: 116, Pfeffer 1989a: pl. 9.

Distribution: Europe (Austria/ Bulgaria/ Poland/ W USSR).

Hosts: *Pinus cembra montana*, *P. mugo*, *P. peuce*.

References: (bv) Grune 1979: 117; Hellrigl 1985. (cn) Schimitschek 1938b: 115, 120, 1955a: 42; Wachtl 1901: 381. (ec) Hellrigl 1985; Jahn & Sinreich 1960; Kleine 1908c: 313; Schimitschek 1955a: 42; Seitner 1913a: 27; Thompson, W. R. 1943: 91; Wichmann 1959: 413. (hb) Karpinski & Strawinski 1948: 156; Pfeffer 1941b: 19; Postner 1974: 436; Schimitschek 1955a: 42; Spessivtsev 1921b: 221; Wachtl 1901: 381. (ds) Buresh & Lazarov 1956; Grune 1979: 117; Hagedorn 1910d: 71; Heyden, Reitter, & Weise 1906: 711; Horion 1961; Karpinski 1931: 30; Karpinski & Strawinski 1948: 156; Kleine 1913a: 35, 1913b: 140, 1934a: 160; Marcu 1957b: 213; Numberg 1938: 126; Pfeffer 1936: 90, 1976: 340, 1989a: 64; Postner 1974: 436; Reitter 1916: 248; Schilsky 1909: 188; Schimitschek 1938b: 115, 120; Tredl 1907: 14. (tx) Balachowsky 1949a: 236; Cole & Freude 1972; Eggers 1915b: 13–14; Grune 1979: 116–117; Hagedorn 1910a: 101; Hellrigl 1985; Jansson 1936: 220; Karpinski & Strawinski 1948: 156; Kolubajiv 1934: 65; Numberg 1938: 126; Pfeffer 1940b: 108, 112, 118, 1941b: 19, 1955a: 210, 1965: 63, 1976: 340, 1989a: pl. 9; Pjatkitskii 1931: 169; Postner 1974: 436; Reitter 1898b: 356, 1913a: 93, 1916: 298; Schedl 1934f: 1643, 1979c: 134; Spessivtsev 1922: 221, 1926: 50. (ms) Eggers 1911b; Seitner 1913a: 27; Wichmann 1959: 413.

kuscheli Schedl 1951d: 19. Syntypes, sex?; Chile; NMHN, Santiago, and 4 in Schedl Collection in NHMW, Wien.

Distribution: South America (Chile).

References: (ds) Schedl 1972d: 145. (tx) Schedl 1951d: 19, 1972d: 145, 1979c: 135.

laetus Wood 1976a: 358. Holotype ♀; Volcan Poas, Heredia, Costa Rica; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Tree branch.

References: (ds) Bright 1981d: 103; Wood, S. L. 1982b: 1081. (tx) Bright 1981d: 103; Wood, S. L. 1976a: 358, 1982b: 1081.

languidus Eichhoff 1878b: 186. Holotype, sex?; America meridionalis (Venezuela); Hamburg Museum, lost.

Distribution: South America (Venezuela).

References: (ds) Blackwelder 1947: 782; Bruch 1914a; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 339. (tx) Eichhoff 1878a: 389, 1878b: 186; Hagedorn 1910a: 101.

lapponicus Stark 1952: 356. Syntypes, sex?; Kola peninsula, Maritime Prov.; IZL, Leningrad.

Distribution: Asia (Finland/ Ussuri in E USSR).

Hosts: *Picea obovata*, *Pinus cembra siberica*, *P. koraiensis*.

References: (ec) Pfeffer 1960: 345. (hb) Kurenzov 1948b: 108, 1950d: 148; Stark 1952: 356. (ds) Nuorteva 1971: 71; Pfeffer 1960: 345, 1976: 340; Postner 1974: 437; Stark 1952: 356. (tx) Kurenzov 1941a: 177, 1948b: 108; Pfeffer 1976: 340; Postner 1974: 437; Stark 1952: 356.

laticeps Bright 1978: 78. Holotype ♂; 20.5 km N Oaxaca, Oaxaca, Mexico, 300 m; CNCI, Ottawa.

Distribution: North America (Oaxaca in Mexico).

Hosts: *Pinus* sp.

References: (ds) Bright 1981d: 237; Wood, S. L. 1982b: 1060. (tx) Bright 1978: 78, 1981d: 237; McNamara 1984: 756; Wood, S. L. 1982b: 1060.

lautus Eichhoff 1872a: 135. Holotype, sex?; Amer. bor.; Hamburg Museum, lost; neotype ♀; Morgantown, West Virginia [USA], designated by Bright 1976c: 427.

Figures: Blackman 1922b: pl. 1, fig. 5, Bright 1981d: 337.

Distribution: North America (Ontario, Quebec in Canada/ Connecticut, District of Columbia, Florida, Illinois, Indiana, Kansas, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Virginia, West Virginia, Wisconsin in USA).

Hosts: *Acer saccharum*, *Cercis canadensis*, *Hammamelis* sp., *Juglans nigra*, *Quercus* sp., *Picea* sp., *Pinus strobus*, *Rhus typhina*, *R. radicans*.

Notes: (3) Blackman 1928b: 37 (redescribed), 1928b: 39 (*rhois acerini*, *rhois hammamelidis*, *rhois swainnei*, *piceae*, nomen nudum, no status).

References: (bv) Kirkendall 1981b. (cn) Felt 1906: 751; Hopkins 1899c: 443; Lindquist, O. H. & Syme 1981: 88; Swaine 1918a: 95; Syme & Nystrom 1988: 84. (ec) Bushing 1965: 465; Felt 1906: 751; Kirkendall 1981b. (hb) Blackman 1922b: 101, 103; Bright 1981d: 58; Chamberlin 1939: 360; Felt 1906: 751; Hopkins 1899c: 443; Kirkendall 1981b; Swaine 1918a: 95. (ds) Atkinson & Equihua 1985a: 92, 1988: 98; Atkinson et al. 1991: 163; Blackman 1922b: 101, 103; Blatchley & Leng 1916: 633; Bright 1981d: 58; Chamberlin 1925, 1939: 360; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66; Drooz 1985: 363; Gemminger & Harold 1872: 2688; Hagedorn

1910d: 71; Henshaw 1885: 147; Hopkins 1893a: 131, 1893b: 209; Kleine 1913b: 140, 1914b: 386, 1934a: 160; Leng 1920: 341; Lindquist, O. H. & Syme 1981: 88; Swaine 1909: 135; Syme & Nystrom 1988: 84; Weber, B. C., & McPherson; Wood, S. L. 1982b: 1131. (tx) Blackman 1922b: 101, 103, 1928b: 36–38; Blandford 1898c: 6; Blatchley & Leng 1916: 633; Bright 1976c: 427, 1981d: 58, 337; Chamberlin 1939: 360; Eichhoff 1872a: 135, 1878b: 190; Hagedorn 1910a: 101; LeConte 1876: 354; Lindquist, O. H. & Syme 1988: 84; Swaine 1909: 135, 1918a: 95, 104; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1982b: 1131. (ms) Eckstein 1900c.

rhois Swaine 1917: 26. Holotype, sex?; Ithaca, New York [USA]; CNCI, Ottawa. Synonymy: Bright 1976c: 427.

References: (cn) Blackman 1950; Lindquist, O. H. & Syme 1988: 84; Swaine 1918a: 95, 99; Syme & Nystrom 1988: 84. (ec) Loan & Matthews 1973; Marsh 1979: 295. (hb) Baker, W. L. 1972: 255; Beal & Massey 1945: 126–129; Blackman 1922b, 1950; Chamberlin 1939: 360; Swaine 1918a: 95, 99. (ds) Anonymous 1926c: 518; Beal & Massey 1945: 126–129; Beaulne 1956; Blackman 1922b: 103–104, 1950; Bright 1976d: 188; Chamberlin 1939: 360; Dodge 1938; Glick 1939: 37, 71; Hoffmann 1940: 60–61, 1942: 13; Kirk 1969; Kleine 1934a: 161; Leng 1920: 341; Leonard 1928: 518; Lindquist, O. H. & Syme 1981: 88; Syme & Nystrom 1988: 84. (tx) Beal & Massey 1945: 126–129; Blackman 1921: 7–8, 1922b: 103–104, 1928b: 36–39; Bright 1967b: 678, 1976c: 427, 1977: 517; Chamberlin 1939: 360; Dodge 1938: 43; Hoebeke 1978; Lindquist, O. H. & Syme 1981: 88; de Ruette 1970: 111; Swaine 1917: 26, 1918a: 95, 99, 104; Syme & Nystrom 1988: 84; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1967d: 40.

natalis Blackman 1921: 8. Lectotype ♂?; Agricultural College, Mississippi [USA]; USNM, Washington. Synonymy: Bright 1976c: 427.

Notes: (3) Blackman 1928b: 37 (redescribed). References: (cn) Blackman 1950. (hb) Baker, W. L. 1972: 255; Beal & Massey 1945: 130; Blackman 1922b: 101–105, 1950; Chamberlin 1939: 360. (ds) Beal & Massey 1945: 130; Blackman 1922b, 1950; Chamberlin 1939: 360; Kleine 1934a: 160; Leng & Mutchler 1927: 52. (tx) Beal & Massey 1945: 130; Blackman 1921: 8, 1922b: 101–105, 1928b: 37–40; Bright 1976c: 193, 427, 1977: 517; Chamberlin 1939: 360; de Ruette 1970: 110; Wood, S. L. 1964: 61.

lecontei Bright 1977: 525. Holotype ♀; Kitt Peak, Pima Co., Arizona [USA]; CNCI, Ottawa.

Figures: Bright 1981d: 366.

Distribution: North America (Chihuahua in Mexico/ Arizona, New Mexico in USA).

Hosts: *Pinus cembroides*, *P. edulis*, one pair in *P. ponderosa*.

References: (ds) Bright 1981d: 260; Wood, S. L. 1982b: 1065. (tx) Bright 1977: 525, 1981d: 260, 366; McNamara 1984: 756; Wood, S. L. 1982b: 1065.

leechi Wood 1977b: 215. Holotype ♀; 3 km NNE Angwin on N side of Howell Mt., Napa Co., California [USA]; CAS, San Francisco.

Distribution: North America (California in USA).

Hosts: *Pinus ponderosa*.

References: (ds) Bright 1981d: 134; Wood, S. L. 1982b: 1051. (tx) Bright 1981d: 134; Wood, S. L. 1977b: 215, 1982b: 1051.

leiophyllae Blackman 1942a: 205. Holotype ♀; Chalco, Mexico, Mexico; USNM, Washington.

Distribution: North America (Hidalgo, Mexico, Michoacan, Oaxaca, Puebla, Veracruz in Mexico).

Hosts: *Pinus cembroides*, *P. leiophylla*, *P. teocote*, *P. sp.*

References: (hb) Atkinson & Equihua 1985a: 93; Atkinson et al. 1986: 39. (ds) Atkinson & Equihua 1985a: 93, 1985c: 360; Atkinson et al. 1986: 39; Blackwelder 1947: 782; Bright 1981d: 120; Wood, S. L. 1982b: 1057. (tx) Blackman 1942a: 205–206; Bright 1977: 515, 1981d: 120; Schedl 1955g: 24; Wood, S. L. 1982b: 1057.

auctor Blackman 1942a: 214. Holotype ♀; near Perote, Veracruz, Mexico; USNM, Washington. Synonymy: Bright 1977: 514.

References: (ds) Blackwelder 1947: 781. (tx) Blackman 1942a: 214; Bright 1977: 514; McNamara 1984: 754.

lenis Wood 1976c: 348. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Liana.

References: (ds) Bright 1981d: 101; Wood, S. L. 1982b: 1082. (tx) Bright 1981d: 101; McNamara 1984: 756; Wood, S. L. 1976c: 348, 1982b: 1082.

lepidus Bright 1977: 526. Holotype ♀; 5.6 km S Suchixtepec on Highway 175, Oaxaca, Mexico, 2600 m; CNCI, Ottawa.

Figures: Bright 1981d: 356.

Distribution: North America (Oaxaca, Veracruz in Mexico).

Hosts: *Pinus lawsonii*, *P. sp.*

References: (hb) Atkinson et al. 1986: 39. (ds) Atkinson et al. 1986: 39; Bright 1981d: 191; Wood, S. L. 1982b: 1071. (tx) Bright 1977: 526, 1981d: 191, 356; McNamara 1984: 756; Wood, S. L. 1982b: 1071.

levis Wood 1986: 273. Holotype ♀; 25 km NW Flagstaff, Arizona (Hart's Prairie Road) [USA]; Wood Collection.

Distribution: North America (Arizona in USA).

Hosts: *Pinus ponderosa* twigs.

References: (tx) Wood, S. L. 1986: 273.

lichtensteini (Ratzeburg) 1837: 162 (*Bostrichus*).

Syntypes, sex?, Berlin, Germany; not located.

Figures: Grune 1979: 116, Pfeffer 1989a: pl. 9.

Distribution: Asia (Fujian in China/ E USSR), Europe (Austria/ Belgium/ Bulgaria/ Czechoslovakia/ Denmark/ England/ Finland/ France/ Germany/ Greece/ Hungary/ Italy/ Luxembourg/ Netherlands/ Norway/ Poland/ Spain/ Sweden/ Switzerland/ W USSR/ Yugoslavia).

Hosts: *Pinus cembra*, *P. nigra*, *P. peuce*, *P. sylvestris*, *Picea obovata*, rare in *Larix sibericae*.

Notes: (3) Pfeffer 1940: 108, 112 (cites var. *robustus*, synonymy in Pfeffer 1965: 63).

References: (ay) Escherich 1923b: 483; Feytaud 1950a; Lekander 1959b: 36; Nunberg 1928a: 141; Nusslin 1911a: 109; Scherb 1971. (bv) Grune 1979: 117; Hellen 1921. (cn) Barbey 1925: 281; Chorbazdzhevo 1929; Eckstein 1926: 579; Egorov 1958: 1482; Escherich 1923b: 483; Esterberg 1959; Feytaud 1950a; Greckin 1962b: 707; Hellen 1921; Joly 1976; Judeich & Nitsche 1895: 526; Kangas 1937; Kobakhidze 1960: 1853; Koch 1913: 123; Kontkanen 1932: 59; Maar & Voore 1935: 641–651; Muller 1912: 185; Nestertschuk 1930: 172; Nosek 1952b: 103; Nusslin 1913: 205; Pfeffer 1933: 43; Pierce, W. D. 1917: 75; Rhumbler 1922: 308, 1927: 322; Saalas 1949: 343, 380; Schimitschek 1937c: 55, 1955c: 87; Schwerdtfeger 1944a: 177, 1957a: 183; Seitner 1913a: 27; Wachtl 1883b: 319, 1901: 377, 381; Weber, H. 1926: 579; Wichmann 1927b: 353. (ec) Barbey 1927; Boucek 1974; Carpelan 1921; Jamnicky 1957b: 26; Kangas 1937; Karpinski 1932a: 95; Kleine 1908c: 213; Kobakhidze 1960: 1853; Kostin 1964: 110; Lundberg 1984; Michalski & Ratajczak 1989; Nosek 1952b: 103, 1959a: 118, 1959b: 87; Nuorteva 1956a: 17, 1968a, 1970; Nusslin 1927: 322; Okolow 1963; Pfeffer 1923a: 332, 1928b: 3, 1933: 43, 1960: 345; Roubal 1934a: 86; Ruhm 1956b: 4; Saalas 1930: 119, 1949: 343, 380; Schwerdtfeger 1944a: 177, 1957a: 183; Sedlaczek 1935a: 163; Seitner 1913a: 27; Seitner & Notzl 1925: 188; Tragardh 1927a: 210; Wichmann 1959: 413. (hb) Altum 1881c: 322; Barbey 1901: 23, 74, 1925: 281; Bargmann 1906; Bukowsky 1930; Chararas 1962c: 363; Charvat 1950; Chorbazdzhevo 1929; Dombrowsky 1887, 1891; Eckstein 1926: 579; Eichhoff 1881a: 47, 193; Escherich 1923b: 483; Esterberg 1959; Feytaud 1950a; Fuchs 1904a; Gerhard 1908: 157–162; Gornostaev 1916: 312; Gyorfi 1957; Heinemann 1908: 156–164, 1909; Henschel 1895a: 172; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski 1933b: 30; Karpinski & Strawinski 1948: 156; Knotek 1897: 136; Kostin 1960: 134; Krivolutskaia 1973: 140; Lekander 1959b: 36; Lengerken 1939: 65, 1954: 85; Michalski 1959a: 291; Munro 1920, 1926: 63; Nordlinger 1856: 27; Nosek 1959a: 118, 1959b: 87; Nunberg 1929a: 111, 1929c: 121; Nuorteva 1968a, 1970; Nusslin 1898: 280, 1913: 205, 1927:

- 322; Pfeffer 1941b: 3; Postner 1974: 435; Ratzeburg 1839: 197; Rhumbler 1922: 308, 1927: 322; Rimski-Korsakov et al. 1949: 288; Rupertsberger 1879: 231, 1880: 229; Saalas 1919, 1949: 343, 380; Schwerdtfeger 1944a: 177, 1957a: 183, 1981: 190; Sedlacek 1935a: 163; Seitner & Notzl 1925: 188; Spessivtsev 1913a: 89, 1921b: 221; Stark 1926a: 336, 1952: 350; Tschorbadjev 1929: 170; Wachtl 1876a: 460, 1901: 377, 381; Weber, H. 1926: 579; Wichmann 1927b: 353. (**ds**) Acloque 1896; Allen, A. 1954; Bangsholt 1975: 95; Barthe 1896; Bau 1888; Bejer-Petersen & Jorum 1977: 25; Blandford 1891c; Borchert 1951; Brakman 1966b: 206; Brundin 1934; Bucking 1932; Bukowsky 1930; Buresh & Lazarov 1956; Calwer 1884, 1893; Carpelan 1921; Chapuis & Candeze 1853; Chararas 1962c: 363; Charvat 1950; Chorbazhievo 1924d, 1929; Csiki 1914; Eggers 1904; Endrodi 1958b; Ericson & Sandin 1893; Escherich 1923b: 483, 1932b; Esterberg 1928; Everts 1922: 643, 1925; Favre 1890; Fedorov 1930; Fowler 1891; Fuchs 1904a; Gaubil 1849: 126; Gemninger & Harold 1872: 2688; Gerhardt 1900; Gobbi 1989: 61; Gornostaev 1917; Gozis 1875: 80; Greekin 1962b: 707; Grill 1895: 311; Grune 1979: 117; Gussmann 1919: 62; Hagedorn 1910d: 72; Hansen, V. 1939, 1956, 1964: 463; Heinemann 1908a, 1908b; Hellen 1947; Henschel 1895a: 172; Heyden 1876: 299, 1879: 140; Heyden, Reitter, & Weise 1883: 182, 1891: 672, 1906: 711; Horion 1951; Janovsky & Tegshzhargal 1985: 41; Joly 1976; Judeich & Nitsche 1895: 526; Kaltenbach 1874: 685; Karpinski 1926: 82, 1931: 25, 28, 1932a: 95, 1933b: 30; Karpinski & Strawinski 1948: 156; Kersten 1933: 75; Kiefer et al. 1942: 528; Klefbeck & Sjoberg 1960: 230; Kleine 1912a: 267, 1913a: 35, 1913b: 140, 1934a: 160; Kloft & Hinks 1945: 218; Kolbe, W. 1918: 211; Kontkanen 1932: 59; Kotula 1873b: 80; Kraatz 1869: 59; Krivolutskaya 1965a: 238, 1973: 140, 1983; Krogerus 1921b: 115; Kunnemann 1921: 58; Kurir 1947c: 6; Lacordaire 1866: 382; Leclercq 1971; Lindberg & Saris 1952: 59; Lomnicki 1886a: 242, 1913b: 148; Lucht 1987: 278; Lundberg 1974: 92, 1981: 151; Marcu 1957b: 213; Mequignon 1936: 54; Michalski 1957: 165; Mirzoian 1950: 141; Munster 1928: 289; Negru 1968a: 456; Nunberg 1928b: 88, 112, 1938: 126, 1954: 70; Nusslin 1898: 280; Perris 1876a: 255, 1877a: 415; Pfeffer 1924b: 471, 1928b: 3, 1931b: 74, 1935: 158, 1947e: 17, 1960: 346, 1976: 340, 1984: 277, 1989a: 64; Pierce, W. D. 1917: 75; Pittioni 1943: 176; Postner 1974: 435; Ragusa 1924: 116; Rapp 1934: 728; Ratzeburg 1839: 197; Redtenbacher 1858: 830, 1874: 379; Reitter 1869b: 154, 1894a: 75, 1916: 298; Rimski-Korsakov et al. 1949: 288; Rouhal 1941: 269; Ruskov 1928c: 61; Rye 1866: 93; Saalas 1930: 119, 1931: 70; Sainte-Claire & Mequignon 1938: 447; Schaufuss 1915: 1242; Schaum 1859: 95, 1862: 101; Schedl 1980a: 23, 1981b: 78; Schilsky 1909: 188; Schwerdtfeger 1981: 190; Seidlitz 1872: 394, 1891a: 564, 1891b: 610; Sokanovskii 1960; Stark 1926a: 336, 1926b: 105, 1926j: 127, 1931a: 28, 1952: 350; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 441; Stierlin & Gautard 1871: 292, 1906: 205; Strand 1940: 601; Strand & Hanssen 1935: 70; Thomson 1865: 368, 1868: 223; Trappen 1935: 143; Tredl 1907: 14; Tschorbadjev 1929: 170; Wachtl 1870: 259, 1876a: 460; Wichmann 1927a: 72; Winter, T. G. 1983: 22; Wiren 1945: 43; Yanovskii 1977a, 1989: 64; Yanovskii & Tegshzhargal 1985: 410; Zinovjev 1955: 187; Zivojinovic 1960: 25. (**tx**) Acloque 1896; Bach 1854; Balachowsky 1949a: 236; Barbey 1901: 23, 74; Blandford 1891c; Chapuis & Candeze 1853; Charvat 1950; Chorbazhievo 1924d; Cola 1972: 12; Cola & Freude 1972; Doebner 1860; Dombrowsky 1887, 1891; Duffy 1953; Eggers 1915b: 13–14, 1931b: 31, 1941b: 222; Eichhoff 1864: 39, 1868d: 422, 1875: 201, 1878b: 176, 1881a: 47, 193, 1883a: 110, 134; Endrodi 1957a: 307, 1957b; Escherich 1923b: 483; Everts 1922: 643; Fairmaire 1864: 33; Fauvel 1889; Ferrant 1911; Ferrari 1867a: 32–33, 1867b: 114; Fleischer 1927; Formanek 1907: 37; Grune 1979: 116–117; Hagedorn 1910a: 101; Hansen, V. 1956, 1964: 463; Henschel 1895a: 172; Hopkins 1914: 127; Iablokoff-Khinzorian 1961: 105; Jacquelin du Val & Fairmaire 1868: 104, 112; Jansson 1936: 220; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski & Strawinski 1948: 156; Koch 1913: 123, 1932: 121; Kuhnt 1913: 1056; Lacordaire 1866: 382; Lekaneder 1959b: 36; Letzner 1891: 375; Lovendal 1898: 131; Lucht 1987: 278; Nordlinger 1848: 242, 1856: 27; Nunberg 1928a: 141, 1929c: 121, 1938: 126, 1954: 70; Nusslin 1911a: 109; Perris 1877a: 415; Pfeffer 1932b: 23, 1933: 3–54, 1940b: 108, 112, 117, 1941b: 3, 1947e: 17, 1955a: 215, 1965: 63, 1976: 340, 1989a: 9; Pjatnitskii 1931: 169; Portevin 1935: 333; Postner 1974: 435; Quaschik 1953: 35; Ratzeburg 1837: 162, 1839: 197; Redtenbacher 1849a: 790, 1849b: 26, 1858: 830, 1874: 379; Reitter 1894a: 75, 1898b: 356, 1901: 101, 1913a: 93, 1916: 298; Rhumbler 1922: 308, 1927: 322; Rupertsberger 1879: 231, 1880: 229; Saalas 1949: 343, 380; Schedl 1934f: 1643, 1938a: 158, 1952f: 87, 1980a: 23, 1981b: 78; Scherb 1971; Schimitschek 1937c: 55, 1955c: 87; Seidlitz 1872: 394, 1891a: 564, 1891b: 610; Seitner 1887: 44; Sokanovskii 1929: 670–672, 1959b: 93–94, 1960: 677; Spessivtsev 1913a: 89, 1922a: 487, 1922b: 221, 1925a: 182, 1925b: 27, 1926: 50, 1929c: 298, 1931: 61–63; Stark 1952: 350; Stierlin 1898: 441; Thomson 1865: 368, 1868: 223; Wichmann 1918: 106–107. (**ms**) Eichhoff 1868d: 422; Escherich 1932b; Heinemann 1908a; Hellen 1921; Michalski 1951a: 291; Wichmann 1959: 413.

- liquidambarus** Blackman 1921: 14. Lectotype ♀; Mound, Louisiana [USA]; USNM, Washington, designated by Bright 1976b: 183. Figures: Bright 1981d: 338. Distribution: North America (Arkansas, Connecticut, District of Columbia, Florida, Georgia, Illinois, Indiana, Louisiana, Mississippi, North Carolina, West Virginia in USA). Hosts: *Liquidambar styraciflua*. References: (cn) Blackman 1950, (ec) Bright 1981d: 64; Burks 1979: 856; Bushing 1965: 464; Marsh 1977: 150. (hb) Baker, W. L. 1972: 255; Beal & Massey 1945: 131; Blackman 1922b: 101–105, 1950; Bright 1981d: 64; Chamberlin 1939: 361; Ostmark 1968. (ds) Beal & Massey 1945: 131; Blackman 1922b: 101–105, 1950; Bright 1981d: 64; Chamberlin 1939: 361; Deyrup & Atkinson 1987b: 68; Drooz 1985: 363; Kirk 1970; Kleine 1934a: 160; Leng & Mutchler 1927: 52; Ostmark 1968; Weber, B. C., & McPherson 1991: 54; Wood, S. L. 1982b: 1133. (tx) Beal & Massey 1945: 131; Blackman 1921: 14, 1922b: 101–105, 1928b: 37–41; Bright 1976b: 183, 1981d: 64, 338; Chamberlin 1939: 361; de Ruelle 1970: 110; Wood, S. L. 1982b: 1133.
- litos** Bright 1976c: 435. Holotype ♀; 40 km W Orizaba, Veracruz, Mexico; CNCI, Ottawa. Distribution: North America (Veracruz in Mexico). Hosts: *Pinus* sp. References: (ds) Bright 1981d: 136; Wood, S. L. 1982b: 1055. (tx) Bright 1976c: 435, 1981d: 136; McNamara 1984: 756; Wood, S. L. 1982b: 1055.
- longipilus** Schedl 1951m: 112. Holotype ♀; Bolivien, Cochabamba; Eggers Collection, in NHMW, Wien. Distribution: South America (Bolivia). References: (tx) Schedl 1951m: 112, 1979c: 141.
- madagascariensis** Schedl 1951j: 21. Syntypes, sex?; Tananarive, Tsimbazaza; IRSM, Madagascar, and 2 ♂, 2 ♀ in Schedl Collection in NHMW, Wien. Distribution: Madagascar. Hosts: *Vernonia appendiculata*. References: (hb) Paulian 1951: 28. (ds) Paulian 1951: 28; Schedl 1977b: 112. (tx) Schedl 1951j: 2, 1953d: 69, 1965c: 69, 1977b: 112, 1979c: 144.
- malleatus** Bright 1978: 79. Holotype ♀; Walker, Yavapai Co., Arizona [USA]; CNCI, Ottawa. Figures: Bright 1981d: 351. Distribution: North America (Arizona in USA). Hosts: *Pseudotsuga menziesii*. References: (ds) Bright 1981d: 164. (tx) Bright 1978: 79, 1981d: 164, 351; McNamara 1984: 756.
- mandibularis** Schedl 1951m: 113. Syntypes ♂ ♀; Brasilien, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien, and Plaumann Collection. Distribution: South America (Brazil). Notes: (1) Schedl 1979c: 148 (citation of holotype invalid).
- References: (ds) Schedl 1966f: 86. (tx) de Ruelle 1970: 110; Schedl 1951m: 112–113, 1979c: 148.
- maroantsetrae** Schedl 1965c: 69. Holotype ♂ ♀; Madagascar, Maroantsetra; Schedl Collection in NHMW, Wien. Distribution: Madagascar. References: (tx) Schedl 1965c: 69, 1977b: 113, 1979c: 149.
- mauretanicus** Peyerimhoff 1930: 259. Syntypes, sex?; Algerie: Djurdjura a Tidjda, 1750 m; MNHN, Paris. Distribution: Africa (Algeria/ Egypt/ Libya/ Morocco/ Tunisia), Europe (France). Hosts: *Pinus nigra mauretanicus*. Notes: (1) Originally named as a subspecies of *glabratus*. Pfeffer 1940: 121 (raised to specific rank). References: (ec) Berland 1934: 215. (hb) Chararas 1962c: 363. (ds) Chararas 1962c: 363; Peyerimhoff 1933b: 370; Pfeffer 1935: 158, 1976: 340, 1984: 277. (tx) Balachowsky 1949a: 239; Peyerimhoff 1930: 255, 259; Pfeffer 1940b: 109, 112, 1955a: 211, 1976: 340; Schedl 1934f: 1643, 1979c: 106.
- medialis** Wood 1976c: 361. Holotype ♀; Volcan Irazu, Cartago, Costa Rica, 2300 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: *Quercus* sp. References: (ds) Bright 1981d: 106; Wood, S. L. 1982b: 1084. (tx) Bright 1981d: 106; McNamara 1984: 756; Wood, S. L. 1976c: 361, 1982b: 1084.
- megas** Bright 1976c: 436. Holotype ♀; Cerro Potosi, Nuevo Leon, Mexico; CNCI, Ottawa. Distribution: North America (Nuevo Leon in Mexico). Hosts: *Pinus cuminicola*. References: (ds) Bright 1981d: 298; Wood, S. L. 1982b: 1113. (tx) Bright 1976c: 436, 1981d: 298; McNamara 1984: 756; Wood, S. L. 1982b: 1113.
- melanurus** Wood 1976c: 364. Holotype ♀ ♀; 8 km W San Cristobal de las Casas, Chiapas, Mexico; CNCI, Ottawa. Distribution: North America (Chiapas in Mexico). Hosts: *Quercus* sp. References: (ds) Bright 1981d: 93; Wood, S. L. 1976c: 364, 1982b: 1026. (tx) Bright 1981d: 3; Wood, S. L. 1976c: 364.
- mendosus** Wood 1975b: 397. Holotype ♂; San Isidro del General, Costa Rica, 1000 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: "Fosforo" leaf petioles. References: (ds) Bright 1981d: 95; Wood, S. L. 1982b: 1029. (tx) Bright 1981d: 95; McNamara 1984: 756; Wood, S. L. 1975b: 397, 1982b: 1029.
- mesembria** Bright 1978: 80. Holotype ♀; Cerro Calel, Quezaltenango, Guatemala; Wood Collection. Distribution: North America (Guatemala). Hosts: *Abies guatemalensis*.

References: (**ds**) Bright 1981d: 318; Wood, S. L. 1982b: 1088. (**tx**) Bright 1978: 80, 1981d: 318; McNamara 1984: 756; Wood, S. L. 1982b: 1088.

mexicanus **Blackman** 1928b: 121. Holotype ♀; Correen, Coahuila, Mexico; USNM, Washington. Distribution: North America (Coahuila, Jalisco, Tabasco in Mexico).

Hosts: *Parthenium argentatum*.

References: (**cn**) Lloyd 1911: 43. (**hb**) Bright 1981d: 30; Lange 1944: 395; Lloyd 1911: 43. (**ds**) Blackvelder 1947: 782; Bright 1981d: 30; Ferrer 1942; Kleine 1934a: 160; Lloyd 1911: 43; Romney 1946: 670–671; Wood, S. L. 1982b: 1118. (**tx**) Blackman 1928b: 121; Bright 1981d: 30; McNamara 1984: 756; Schedl 1940a: 348; Wood, S. L. 1982b: 1118.

micans **Bright** 1981d: 188. Holotype ♀; Chiltepec, Oaxaca, Mexico; CNCI, Ottawa.

Distribution: North America (Oaxaca in Mexico).

Hosts: *Pinus montezumae*.

References: (**ds**) Wood, S. L. 1982b: 1070. (**tx**) Bright 1981d: 188; Wood, S. L. 1982b: 1070.

micrographus (**Linnaeus**) 1758: 355 (*Dermestes*). Syntypes, sex?; Europa; not located.

Figures: Postner 1974: 433 (adult).

Distribution: Asia (Turkey), Europe (Austria/ Bulgaria/ Czechoslovakia/ Denmark/ England/ Finland/ France/ Germany/ Greece/ Hungary/ Italy/ Norway/ Luxemburg/ Poland/ Romania/ Spain/ Sweden/ Switzerland/ W USSR/ Yugoslavia).

Hosts: *Abies bornmuelleriana*, *Picea abies*, *P. excelsa*, *P. obovata*, *P. omorika*, *Larix sibiricae*.

References: (**ay**) Escherich 1923b: 463, 483, 601; Hadorn 1933; Nusslin 1911a: 5, 51, 60, 278, 338, 378; Sedlacek 1902b: 244. (**bv**) Grune 1979: 117; Kinelski 1958: 73; Meixner 1937: 1214; Naumann-Etienne 1978a; Nuorteva 1956c: 93; Rozhkov 1970: 143; Tragardh 1930b: 102. (**cn**) Androic 1966: 49; Baisch 1954: 321; Barbey 1906a, 1925: 70; Besceli 1963, 1964: 50–57; Borcea 1924; Borodajewsky 1929: 515–521, 1931: 155–156; Eckstein 1926: 579; Eliescu & St. Negru 1956; Escherich 1923b: 463, 483, 601, 1929, 1930a; Esterberg 1959; Feytaud 1950a; Gabler 1955; Hartig 1861: 330, 1877: 196; Hess 1898: 348; Hess & Beck 1914: 283, 1927: 339; Jacentkovsky 1933: 271; Jaensch 1838: 50; Judeich & Nitsche 1895: 524; Juutinen 1960: 25; Kamp 1950; Kangas 1947: 1–192, 1958d: 164; Keller 1903b: 48; Kholodkovskii 1912: 307; Koch 1913: 125; Komarek et al. 1931: 1–256; Kovacevic 1952: 69, 1957: 67; Kozikowsky 1929: 252; Maksimovic & Barlov 1961: 37; Maksimovic & Milanovic 1964, 1966; Marcu 1926c: 65; Merker 1954b: 209; Muller 1912: 252; Mumford 1960: 37; Nusslin 1913: 205; Ohnesorge 1955: 280; Pfeffer 1928a: 467, 1947c: 204, 1948a: 801, 1949b: 147, 1950c: 3; Pierce, W. D. 1917: 69; Postner 1971; Ratzeburg 1871c: 81; Rhumbler 1927: 321; Rozhkov 1970: 143; Saalas

1949: 343, 379; Scheidter 1919: 88; Schimitschek 1930d: 136, 1935b: 149, 1938b: 115, 1944: 182, 1947g: 191, 1955a: 36–37, 1955c: 87; Schneeberg 1925: 495; Schwerdtfeger 1944a: 181, 1957a: 186; Sedlacek 1933: 307; Sierpinski 1958: 69; Sinreich 1961: 166; Slander 1948: 10; Spaic 1956: 88, 1966: 454; Springer 1936b: 178; Thalenhorst 1950: 90; Tragardh 1938a: 12; Vappula 1965: 153; Wachtl 1883b: 319, 1901: 381; Walsh 1867: 103; Wardle 1929: 322; Weber, H. 1926: 579; Wichmann 1927b: 353; Zieger 1948a: 378. (**ec**) Baisch 1954: 321; Balazy 1962; Balazy & Michalski 1960; Barbey 1906a, 1927; Borodin 1962; Egger, A. 1974; Gauss & Wellenstein 1950; Geschwind 1918; Graham 1969: 877; Gyofri 1941b; Heqvist 1956, 1957a, 1963: 154; Kangas 1946b: 21, 1971; Karpinski 1932a: 101; Kielczewski 1976; Kielczewski & Wisniewski 1983; Kleine 1908c: 213, 1909a: 47, 77, 1944: 69–70; Kraemer 1950b: 380; Lundberg 1984; Merker 1954b: 209; Michalski & Ratajczak 1989; Naumann-Etienne 1978a; Nunberg & Wiackowski 1958: 130; Nuorteva 1956a: 17, 1957b: 62, 1968a, 1970, 1971; Nusslin 1927: 321; Okolow 1963; Pfeffer 1923a: 331, 1943b: 179, 1947c: 204, 1949b: 147, 1950c: 3; Poinar 1975: 167; Ruhm 1956b: 4; Saalas 1937: 154, 1949: 343, 379, 1951: 16; Schimitschek 1930a: 340, 1955a: 36–37, 1957a: 186; Schwerdtfeger 1944a: 181; Sedlacek 1908: 53, 1933: 307, 1935a: 163; Seitter 1913a: 27; Sitowski 1930: 4; Szczepanski 1960a: 408, 1961: 3; Thompson, W. R. 1943: 91; Tragardh 1925a: 171, 1927a: 208; Vietinghoff 1924: 335; Wiackowski 1957b: 312; Zinovjev 1958: 386; Zumn 1985b. (**hb**) Apfelbeck 1916: 429–439, 1917; Barbey 1901: 23, 77, 1913, 1925: 70; Bargmann 1906; Beffa 1949; Berg 1827; Besceli 1963; Bloch 1776; Borcea 1924; Borodajewsky 1930a; Brandt 1948; Cecconi 1906, 1924; Charvat 1950; Dombrowsky 1887, 1891; Eckstein 1889, 1897, 1926: 579; Eichhoff 1881a: 47, 197; Egger, A. 1974; Escherich 1923b: 463, 483, 601; Feisthamel 1835; Feytaud 1950a; Fuchs 1904a, 1905c: 339, 1906: 46; Gabler 1955; Gornostaev 1916: 312; Gyofri 1957; Hadorn 1933; Hartig 1861: 330, 1877: 196; Helmbacher 1924; Hennings 1908c: 218, 1908d; Henschel 1895a: 172; Hess 1898: 348; Hess & Beck 1914: 283, 1927: 339; Hufnagel 1887: 512; Hufnagel & Puzyr 1951: 108, 110; Jaensch 1838: 50; Judeich & Nitsche 1895: 524; Karpinski 1933b: 30; Karpinski & Strawinski 1948: 156; Kholodkovskii 1912: 307; Knotek 1894a: 558; Kozikowsky 1922a: 42; Kraemer 1948: 133, 1950b: 380; Lengerken 1939: 36, 65, 1954: 85; Lindberg 1963: 243; Loos 1913: 406; Lunardon & Leonardi 1889: 458; Madon 1930: 99; Marcu 1930: 327–336; Mokrzecki 1925: 1–7; Naumann-Etienne 1978a; Nunberg 1929: 110; Nuorteva 1956c: 93, 1968, 1970; Nusslin 1898: 281, 1906: 14, 1913: 205, 1927: 321; Ohnesorge 1955: 280; Pfeffer 1941c: 5; Postner 1974: 434; Ratzeburg 1837: 162, 1839:

- 197, 1871c: 81; Reh 1900a: 95; Rhumbler 1927: 321; Rodd 1897: 34; Rozhkov 1970: 143; Rupertsberger 1880: 230; Saalas 1949: 343, 379, 1951: 16; Schimitschek 1930a: 340, 1944: 182, 1955a: 36–37; Schneider-Orelli 1947b: 157; Schwerdtfeger 1944a: 181, 1957a: 186; Sedlaczek 1935a: 163; Seitner 1911: 99; Simmel 1918: 288–291, 1928: 154; Spessivtsev 1913a: 87, 1921b: 221, 1923: 205, 1925d: 103, 1928a: 221, 1929: 678–682; Stark 1926a: 336, 1952: 342; Tragardh 1929a: 313, 1930b: 102, 1930c: 474, 1931: 57, 1939b: 147, 227; Tredl 1908b: 140; Wachtl 1876a: 460, 1901: 381; Weber, H. 1926: 579; Wichmann 1927b: 353; Zinovjev 1958: 386; Zivojinovic 1950: 299–310. (ds) Acloque 1896; Ammann & Knabl 1923; Androic 1966: 49; Arnoldi et al. 1955: 712; Badoux 1921; Bakke & Kvamme 1977; Balazy & Michalski 1960; Barth 1896; Bau 1888; Beffa 1949; Belousov 1916, 1917: 336; Biels 1887; Blanchere & Robert 1889; Blandford 1891a; Borcea 1924: 221–260; Brakman 1966b: 206; Brancsik 1871, 1906; Buresh & Lazarov 1956; Calver 1893; Cecconi 1897, 1906; Charvat 1950; Chorbazhievo 1924d; Credler 1868; Crotch 1863; Dejean 1821, 1825; Duftschmidt 1825; Eder 1934; Eggers 1904; Ericson & Sandin 1893; Escalera 1919; Escherich 1923b: 463, 483, 601, 1929, 1930a; Esterberg 1928, 1959; Favre 1890; Florov 1940: 94; Fowler 1882: 64, 1891; Fuchs 1904a, 1905a, 1905c: 339, 1907: 46, 1913; Gaubil 1849: 126; Gauss & Wellenstein 1950; Gemminger & Harold 1872: 2688; Gerhardt 1898a; Geschwind 1918; Gillefors 1966; Goeze 1777: 130; Gornostaev 1917: 308–315; Gredler 1866: 374, 1869: 73, 1875: 115; Grill 1895: 311; Grouzelle 1905; Grune 1979: 117; Gussmann 1919: 62; Gyllenhal 1827: 624; Gyorfi 1941b; Hagedorn 1910d: 72; Hansen, V. 1939; Heinemann 1908a; Hellen 1947; Hennings 1954: 256, 261; Henschel 1879a, 1895a: 172; Heyden 1879: 140; Heyden, Reitter, & Weise 1883: 181, 1891: 672, 1906: 712; Holdhaus & Deubel 1910: 145; Horion 1935, 1949, 1951, 1956: 123; Hormuzaki 1891: 174; Ihssen 1939: 336; Jacentkovsky 1933: 271; Jazentkovsky 1912: 288; Judeich & Nitsche 1895: 524; Kangas 1971; Karpinski 1925: 216, 1926: 82, 1931: 19, 28, 1932a: 101, 1933a: 290, 1933b: 30; Karpinski & Strawinski 1948: 156; Keler 1925b: 272; Kersten 1933: 76; Kestercanek 1881a: 12; Kinelski 1958: 73; Klefbeck & Sjoberg 1960: 230; Kleine 1912a: 262, 264, 268, 1913a: 35, 1913b: 140, 1934a: 160; Knotek 1892a: 37, 1894a: 558; Koca 1900: 116; Kolbe, W. 1916: 211, 1918: 211; Kovacevic 1957: 67; Kozikowsky 1921: 181, 1922: 42–43; Kraatz 1869: 59; Kraemer 1948: 133; Krivolutskaya 1983; Krol 1877: 34; Kurir 1947c: 14; Lacordaire 1866: 382; Langhoffer 1915c: 158; Leder 1871: 132; Leiler & Prutz 1977; Liegel 1886: 43; Lindberg & Saris 1952: 59; Lokaj 1868: 64; Lomnicki 1886a: 242, 1913b: 148; Loos 1913: 406; Lunardon & Leonardi 1889: 458; Lundberg 1974: 92, 1979: 31; Lundblad 1950c: 115; Marcu 1926c: 65, 1957b: 213; Matthews & Fowler 1883: 42; Meinert 1887: 70; Mumford 1960: 37; Munster 1928: 289; Novak, P. 1964; Numberg 1927a: 214, 1928b: 88, 112, 1938: 126, 1954: 70, 1960: 158; Nuorteva 1956b: 168, 1971: 67; Nusslin 1898: 281; Orest 1926c: 65; Ortzen 1886: 279; Palm 1946: 122, 1948a: 91; Pfeffer 1924a: 96, 1924b: 471, 1935: 158, 1947c: 4, 1950b: 73, 1976b: 340, 1989a: 63; Pierce, W. D. 1917: 69; Platonoff 1943: 141; Pomerantzev 1907b: 492; Poppius 1900: 108; Postner 1974: 434; Prossen 1913: 83; Rapp 1934: 729; Ratzeburg 1837: 162, 1839: 197; Redtenbacher 1874: 379; Reitter 1894a: 76, 1916: 298, 352; Ruskov 1928c: 61; Saalas 1931: 70; Sahlberg 1900: 106; Schaufuss 1915: 1242; Schaum 1859: 95, 1862: 101; Scheerpeltz & Winkler 1930: 258; Schilsky 1909: 188; Schimitschek 1938b: 115; Schiodte 1873: 103; Seidl 1876: 4; Seidlitz 1872: 394, 1891a: 564, 1891b: 610; Sharp & Fowler 1893: 34; Solla 1893: 217; Sparre-Schneider 1889: 61; Stark 1926a: 336, 1926b: 105, 1926j: 127, 1931a: 26, 1931d: 548, 1952: 342; Stein 1868: 114; Stein & Weise 1877: 164; Stephens 1829a: 145, 1830: 356, 1839: 206; Stierlin 1898: 44; Stierlin & Gautard 1871: 293; Strand 1946: 601; Sturm 1826: 102; Thomson 1865: 368, 1868: 223; Tragardh 1919: 237–248, 1930: 468–480, 1938: 10–14, 1939b: 147, 227; Trappen 1935; Tredl 1907: 14, 1908b: 140; Vappula 1965: 153; Villa & Villa 1833: 26; Wachtl 1876a: 460; Westhoff 1882: 238; Wichmann 1909b: 173, 1927a: 73–74; Yanovskii 1977a; Yanovskii & Dmitrienko 1983; Yanovskii & Tegshzhargal 1985: 410; Zinovjev 1955: 187. (tx) Acloque 1896; Balachowsky 1949a: 235; Barbey 1901: 23, 77; Bechstein et al. 1805; Beffa 1949; Bertolini 1872; Blandford 1891a; Brancsik 1871; Charvat 1950; Chorbazhievo 1924d; Dejean 1821, 1825; Doebner 1860; Dombrowsky 1887, 1891; Duftschmidt 1825; Eggers 1914: 183–184, 1915b: 13–14, 1940g: 36; Eichhoff 1864: 39, 1868d: 424, 1878b: 183, 1881a: 47, 197, 1883a: 111, 135; Endrodi 1957b; Escherich 1923b: 463, 483, 601; Escherich & Escherich 1897; Fabricius 1801: 387; Fankhauser 1912a; Fauvel 1889; Ferrant 1911; Ferrari 1867a: 32–33, 1867b: 114; Fleischer 1927; Formanek 1907: 37; Fuchs 1913; Gabler 1955; Gebien 1907: 197; Gmelin 1790: 1601; Goeze 1777: 130; Grune 1979: 117; Gyllenhal 1813: 362, 1827: 624; Hagedorn 1910a: 101; Henry 1892: 14; Henschel 1895a: 172; Houlbert 1922a: pl. 1; Jacobson 1895: 521; Jacquelin du Val & Fairmaire 1868: 112; Jansson 1936: 220; Judeich & Nitsche 1895: 524; Karpinski & Strawinski 1948: 156; Knotek 1892a: 37; Koch 1913: 125, 1928: 99, 1932: 119; Kuhnt 1913: 1056; Kurenzov 1941: 233; Lacordaire 1866: 382; LeConte 1858: 355; Letzner 1891: 376; Linnaeus 1758: 355, 1767: 143; Lovendal 1898: 131; Lucas

- 1920: 515; Lunardoni & Leonardi 1889: 458; Marsham 1802: 52; Meixner 1937: 1214; Nunberg 1930, 1938: 126, 1954: 70; Nusslin 1911a: 5, 51, 60, 110, 278, 338, 378; Olivier 1795b: 9; Paykull 1800: 155; Pfeffer 1940b: 107, 116, 1941c: 5, 1947c: 4, 1955a: 214, 1976: 340; Pjatnitskii 1931: 171, 173; Portevin 1935: 333; Postner 1974: 434; Quaschik 1953: 35; Ratzeburg 1837: 162, 1839: 197; Redtenbacher 1849a: 359, 851, 1849b: 26, 1874: 379; Reitter 1894a: 76, 1913a: 92, 1916: 298, 352; Rhumbler 1927: 321; Rupertsberger 1880: 230; Saalas 1949: 343, 379; Sahlberg 1836: 150; Schedl 1934f: 1643; Schimitschek 1937: 55, 1955c: 87; Seidlitz 1872: 394, 1891a: 564, 1891b: 610; Seitner 1887: 44; Simmel 1918: 288; Sokanovskii 1929: 670–672, 1954: 19; Spessivtsev 1913a: 87–88, 1922a: 487, 1922b: 221, 1923: 205–206, 1925a: 182, 1925b: 23, 1925d: 103–104, 1926b: 48–50, 1929c: 298, 303, 1931: 61–62; Stark 1927: 227–230, 1952: 342; Stephens 1829a: 145, 1829b: 12, 1830: 356, 1839: 206; Stierlin 1898: 441; Thomson 1865: 368, 1868: 223; Villers 1789: 214. (**ms**) Eichhoff 1868d: 424; Hartig 1834: 109; Heinemann 1908a; Kozikowsky 1929: 252; Lucas 1920: 515; Reh 1900a: 95; Seitner 1913a: 27.
- fennicus* Eggers 1914: 183. Lectotype ♂; Finland: Karislojo, Turtola; USNM, Washington, designated by Anderson & Anderson 1971: 13. Synonymy: Stark 1952: 342.
References: (**bv**) Pfeffer 1940b: 116; Tragardh 1930b: 102. (**ec**) Saalas 1917a: 18, 1928: 652. (**hb**) Saalas 1913a: 67, 86, 1914: 88, 305; Spessivtsev 1921b: 221; Tragardh 1930b: 102. (**ds**) Pfeffer 1924b: 471, 1935: 159; Saalas 1913a: 67, 86, 1916: 110–116, 1917a: 18; Schaufuss 1915: 1242. (**tx**) Anderson, W. H. & Anderson 1971: 13; Balachowsky 1949a: 235; Eggers 1914: 183–184, 1915b: 13–14; Endrodi 1957b: 417; Michalski 1969b: 569; Pfeffer 1940b: 116; Saalas 1913a: 67, 86; Schedl 1934f: 1643; Spessivtsev 1922a: 487, 1922b: 221, 1923: 205–206, 1925d: 103–104, 1926b: 48–50, 1931: 61–62; Tragardh 1930b: 102.
- micrographus sibiricus* Stark 1952: 344. Syntypes, sex?; Siberia, USSR; IZL, Leningrad.
References: (**ds**) Pfeffer 1976: 340. (**tx**) Pfeffer 1976: 340; Stark 1952: 344.
- micrographus curtulus* Sokanovskii 1954: 19. Syntypes ?; Poland; not located.
References: (**ds**) Pfeffer 1976: 340. (**tx**) Pfeffer 1976: 340; Sokanovskii 1954: 19.
- micrographus longulus* Sokanovskii 1954: 19. Syntypes ?; Poland; not located.
References: (**tx**) Endrodi 1957b: 417; Kinclaki 1958: 73; Nunberg 1960: 158; Sokanovskii 1954: 19.
- micrograptinus* Wood 1989: 179. Holotype, sex?; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien, automatic.
- Distribution: South America (Brazil).
References: (**tx**) Wood, S. L. 1989: 179.
- micrographus* Schedl 1972g: 60 (*Breviophthorus*). Holotype, sex?; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien, preoccupied by Linnaeus 1758.
References: (**tx**) Schedl 1972g: 60, 1979c: 152; Wood, S. L. 1989: 179.
- miniatus* Bright 1981d: 280. Holotype ♀; Cerro Pena Blanca, Honduras; Wood Collection.
Distribution: North America (Guatemala/ Honduras/ Oaxaca in Mexico/ Nicaragua).
Hosts: *Pinus lawsoni*, *P. oocarpa*, *P. pseudostrobus*.
References: (**ds**) Wood, S. L. 1982b: 1099. (**tx**) Bright 1981d: 280; Wood, S. L. 1982b: 1099.
- minus* Bright 1976c: 437. Holotype ♀; Hannagan Camp, Greenlee Co., Arizona [USA]; CNCI, Ottawa.
Distribution: North America (Arizona in USA).
Hosts: (?) *Pinus* sp.
References: (**ds**) Bright 1981d: 197; Wood, S. L. 1982b: 1036. (**tx**) Bright 1976c: 437, 1981d: 197; McNamara 1984: 757; Wood, S. L. 1982b: 1036.
- minutalis* Wood 1976c: 357. Holotype ♀; Palin, Esquintla, Guatemala; Wood Collection.
Distribution: North America (Guatemala).
Hosts: Shrub.
References: (**ds**) Bright 1981d: 42; Wood, S. L. 1982b: 1139. (**tx**) Bright 1981d: 42; McNamara 1984: 757; Wood, S. L. 1976c: 357, 1982b: 1139.
- minutus* Schedl 1963d: 221. Holotype ♂; Brasilien: Matto Grosso, Rio Caraguata; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1963d: 221, 1979c: 157.
- modicus* Blackman 1928b: 94. Holotype ♀; Las Vegas H.S. [Hot Springs], New Mexico [USA]; USNM, Washington.
Figures: Bright 1981d: 344.
Distribution: North America (Chihuahua, Durango in Mexico/ Arizona, California, Nevada, New Mexico, Utah in USA).
Hosts: *Pinus cembroides*, *P. edulis*, *P. monophylla*, *P. sabiniana*.
References: (**ec**) Bushing & Bright 1965: 203. (**hb**) Bright & Stark 1973: 112; Chamberlin 1939: 385. (**ds**) Bright 1964: 170, 1981d: 123; Bright & Stark 1973: 112; Chamberlin 1939: 385; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1035. (**tx**) Blackman 1928b: 89, 94–95; Bright 1964: 165–170, 1966b: 304, 1981d: 123, 344; Chamberlin 1939: 385; Wood, S. L. 1982b: 1035.
- navis* Blackman 1928b: 95. Holotype ♀; Morgan Hill, California [USA]; USNM, Washington.
Synonymy: Bright 1966b: 304.
References: (**hb**) Chamberlin 1939: 385. (**ds**) Chamberlin 1939: 385; Kleine 1934a: 160; Leng & Mutchler 1933: 52. (**tx**) Blackman

1928b: 95; Bright 1966b: 304; Chamberlin 1939: 385; de Ruelle 1970: 110.

molestus Wood 1976c: 362. Holotype ♀; Los Abritos, San Luis Potosi, Mexico; Wood Collection. Distribution: North America (San Luis Potosi in Mexico).

Hosts: *Liquidambar styraciflua*.

References: **(ds)** Atkinson & Equihua 1988: 98; Bright 1981d: 61, 1986b: 683; Estrada & Atkinson 1988: 212; Wood, S. L. 1982b: 1131. **(tx)** Bright 1981d: 61; McNamara 1984: 757; Wood, S. L. 1976c: 362, 1982b: 1131.

montezumae Bright 1978: 81. Holotype ♀; 11 km E San Cristobal, Chiapas, Mexico; CNCI, Ottawa. Figures: Bright 1981d: 367.

Distribution: North America (Chiapas in Mexico).

Hosts: *Pinus montezumae*.

References: **(hb)** Atkinson et al. 1986: 39; Burgos & Saucedo 1983: 119. **(ds)** Atkinson & Equihua 1985a: 97; Atkinson et al. 1986: 39; Bright 1981d: 272, 1986b: 683; Burgos & Saucedo 1983: 119; Wood, S. L. 1982b: 1079. **(tx)** Bright 1978: 81, 1981d: 272, 367; McNamara 1984: 757; Wood, S. L. 1982b: 1079.

montivagus Bright 1977: 527. Holotype ♀; Km 77 on Highway 175 about 85 km N Oaxaca, Oaxaca, Mexico; CNCI, Ottawa.

Figures: Bright 1981d: 348.

Distribution: North America (Oaxaca in Mexico).

Hosts: *Pinus ayacahuite*, *P. patula*.

References: **(hb)** Atkinson et al. 1986: 39. **(ds)** Atkinson et al. 1986: 39; Bright 1981d: 145; Wood, S. L. 1982b: 1094. **(tx)** Bright 1977: 527, 1981d: 145, 348; McNamara 1984: 757; Wood, S. L. 1982b: 1094.

mormon Bright 1977: 528. Holotype ♀; Parawan Canyon, Utah [USA]; Wood Collection. Distribution: North America (Arizona, California, Utah in USA).

Hosts: *Pinus aristata*, *P. contorta*, *P. flexilis*.

References: **(ds)** Bright 1981d: 236; Wood, S. L. 1982b: 1039. **(tx)** Bright 1977: 528, 1981d: 236; McNamara 1984: 757; Wood, S. L. 1982b: 1039.

morosovi Spessivtsev 1926b: 48. Syntypes, sex?; Central Russia, Gouv. Kaluga, Orlov; Spessivtsev Collection in IPKE, Eberswalde.

Figures: Tsai & Li 1959: 94, Yin, Huang, & Li 1984: 120.

Distribution: Asia (China/ E USSR), Europe (Czechoslovakia/ Finland/ Poland/ Sweden/ W USSR).

Hosts: *Picea excelsa*, *P. koraiensis*, *P. obovata*.

References: **(bv)** Grune 1979: 119. **(cn)** Esterberg 1959; Kontkanen 1932: 62; Pfeffer 1948a: 801, 1950c: 3. **(ec)** Karpinski 1932a: 103; Pfeffer 1950c: 3, 1960: 345. **(hb)** Karpinski 1933b: 30, 1955: 79; Karpinski & Strawinski 1948: 156; Postner 1974: 435; Stark 1952: 353. **(ds)** Esterberg 1959; Grune 1979: 119; Hansen 1939; Hellen

1947; Karpinski 1931: 18, 30, 1932a: 103, 1933b: 30, 1948b: 231, 1955: 79; Karpinski & Strawinski 1948: 156; Kleine 1934a: 160; Klefbeck & Sjöberg 1960: 230; Kontkanen 1932: 62; Lucht 1987: 278; Lundberg 1975: 12, 1977; Nunberg 1954: 71; Nuorteva 1971: 71; Pfeffer 1960: 345, 1976: 340, 1989a: 66; Postner 1974: 435; Schedl 1980a: 23, 1981b: 79; Stark 1931a: 26, 1931d: 553, 1952: 353; Strand 1946: 601; Yanovskii & Tegshzhargal 1985: 410; Yin, Huang, & Li 1984: 120; Zinovjev 1955: 187. **(tx)** Blackman 1928b: 1–184; Grune 1979: 119; Karpinski & Strawinski 1948: 156; Lucht 1987: 278; Nunberg 1938: 126, 1954: 71; Pfeffer 1940b: 109, 113, 124, 1955a: 221, 1976: 340; Postner 1974: 435; Schedl 1934f: 1643, 1980a: 23, 1981b: 79; Sokanovskii 1929: 670–672; Spessivtsev 1926b: 48, 1931: 63–64; Stark 1927: 227–230, 1952: 353; Tsai & Li 1959: 94; Yin, Huang, & Li 1984: 120.

morosus Wood 1976c: 362. Holotype ♀; Zamorano, Morazan, Honduras; Wood Collection.

Figures: Bright 1981d: 338.

Distribution: North America (Guatemala/ Honduras/ Chiapas, Veracruz in Mexico).

Hosts: *Eupatorium dalioides*, and a liana.

References: **(ds)** Bright 1981d: 62; Wood, S. L. 1982b: 1129. **(tx)** Bright 1981d: 62, 338; McNamara 1984: 757; Wood, S. L. 1976c: 362, 1982b: 1129.

mpossae Schedl 1957d: 63. Holotype, sex?; Congo Belge; Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Berlinia acuminata*, *B. grandiflora*.

References: **(bv)** Schedl 1960f: 34. **(hb)** Schedl 1960f: 77, 1962j: 15. **(ds)** Schedl 1960f: 34, 1962j: 15. **(tx)** Schedl 1957d: 63, 1962j: 15, 1979c: 160.

mulungensis Schedl 1957d: 60. Holotype ♂?; Congo Belge; Kivu, Chute de la Rutshuru; MRCB, Tervuren.

Distribution: Africa (Kenya/ Zaire).

Hosts: *Caesalpinia decapetala*, and a liana.

References: **(hb)** Schedl 1962j: 16. **(ds)** Schedl 1962j: 16. **(tx)** Schedl 1957d: 60, 1962j: 16, 1979c: 161.

murrayanae Blackman 1922d: 138. Holotype ♀; Grand Lake, Colorado [USA]; USNM, Washington.

Figures: Bright 1981d: 372.

Distribution: North America (Alaska/ Alberta, British Columbia, Manitoba, New Brunswick, Northwest Territories, Ontario in Canada/ Arizona, California, Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming in USA).

Hosts: *Picea glauca*, *P. engelmannii*, *P. pungens*, *Pinus albicaulis*, *P. contorta*, *P. flexilis*, *P. ponderosa*, *P. radiata*.

Notes: (3) Blackman 1928b: 133 (redescribed).

Bright 1981d: 311 (recognized subsp. *aurulentus*; its status is very doubtful).

References: **(cn)** Lindgren 1980a: 68. **(ec)** Matthews 1970; Powell, J. M., Wong, & Melvin 1972: 15; Werner & Holsten 1984. **(hb)** Bright & Stark 1973: 115; Chamberlin 1939: 398, 1958: 160; Lindgren 1980a: 68. **(ds)** Bright 1976d: 183, 1981d: 311; Chamberlin 1925, 1939: 398, 1958: 160; Evans, D. 1978, 1983: 35; Gast et al. 1989: 385; Keen 1929a: 33; Kleine 1934a: 160; Leng & Mutchler 1927: 52; Werner & Holsten 1984; Wood, S. L. 1957c: 401, 1972a: 427, 1982b: 1103. **(tx)** Blackman 1922d: 138, 1928b: 115, 133; Bright 1981d: 311, 372; Chamberlin 1939: 398, 1958: 160; Evans, D. 1983: 35; Keen 1929a: 33; de Ruette 1970: 110; Wood, S. L. 1957c: 401, 1972a: 427, 1977d: 515, 1982b: 1103.

elongatus Swaine 1925b: 194. Holotype ♀; Midday Valley, Merritt, British Columbia [Canada]; CNCI, Ottawa. Synonymy: Blackman 1928b: 133.

References: **(ds)** Kleine 1934a: 159; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 117, 133; Bright 1967b: 678; de Ruette 1970: 109; Swaine 1925b: 194.

gracilis Swaine 1925b: 195. Holotype ♀; Grant Co., Oregon [USA]; CNCI, Ottawa. Synonymy: Wood 1977d: 515.

Notes: (3) Blackman 1928b: 134 (re-described).

References: **(cn)** Lindgren 1980a: 68. **(hb)** Chamberlin 1939: 398, 1958: 160; Lindgren 1980a: 68. **(ds)** Bright 1976d: 182; Chamberlin 1939: 398, 1958; Evans, D. 1983: 35; Evans, D., Lowe, & Hunt 1978; Keen 1929a: 33; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1948: 54, 1951a: 128, 1972a: 427. **(tx)** Blackman 1928b: 116, 134; Bright 1966b: 301, 1967b: 678; Chamberlin 1939: 398, 1958: 160; Evans, D. 1983: 35; Keen 1929a: 33; de Ruette 1970: 109; Swaine 1925b: 195; Wood, S. L. 1951a: 128, 1972a: 427, 1977d: 515.

cutleri Swaine 1925b: 195. Holotype ♀; Midday Valley, Merritt, British Columbia [Canada]; CNCI, Ottawa. Synonymy: Wood 1977d: 515. Notes: (3) Blackman 1928b: 136 (re-described).

References: **(hb)** Chamberlin 1939: 399, 1958: 161. **(ds)** Bright 1976d: 181; Chamberlin 1939: 399, 1958: 161; Keen 1929a: 34; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1972a: 427. **(tx)** Blackman 1928b: 117, 136; Bright 1967b: 678; Chamberlin 1939: 399, 1958: 161; Keen 1929a: 34; de Ruette 1970: 109; Swaine 1925b: 195; Wood, S. L. 1972a: 427, 1977d: 515.

exilis Swaine 1925b: 196. Holotype ♀; Ochoco National Forest, Oregon [USA]; CNCI, Ottawa. Synonymy: Wood 1977d: 515.

References: **(hb)** Chamberlin 1939: 398. **(ds)**

Chamberlin 1939: 398; Leng & Mutchler 1933: 52; Patterson & Hatch 1945: 153. **(tx)** Blackman 1928b: 116, 134; Chamberlin 1939: 398; de Ruette 1970: 109; Swaine 1925b: 196; Wood, S. L. 1977d: 515.

tenuis Swaine 1925b: 196. Holotype ♀; Merritt, Midday Valley, British Columbia [Canada]; CNCI, Ottawa. Synonymy: Wood 1957c: 401. References: **(hb)** Chamberlin 1939: 398. **(ds)** Chamberlin 1939: 398; Keen 1929a: 33; Kleine 1934a: 161; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 116, 134; Bright 1967b: 679; Chamberlin 1939: 398; Keen 1929a: 33; de Ruette 1970: 111; Swaine 1925b: 196; Wood, S. L. 1957c: 401.

depygis Blackman 1928b: 128. Holotype ♀; Clyde, Colorado [USA]; USNM, Washington. Synonymy: Wood 1977: 515.

References: **(hb)** Chamberlin 1939: 396. **(ds)** Chamberlin 1939: 396; Keen 1929a: 33; Kleine 1934a: 159; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 128; Chamberlin 1939: 396; Keen 1929a: 33; McNamara 1984: 755; Wood, S. L. 1977: 515.

watsoni Schedl 1930: 197. Holotype ♀; Nictor Lake, New Brunswick [Canada]; CNCI, Ottawa. Synonymy: Wood 1977d: 515.

References: **(hb)** Chamberlin 1939: 401. **(ds)** Beaulne 1956; Bright 1976d: 188; Chamberlin 1939: 401; Leng & Mutchler 1933: 52. **(tx)** Chamberlin 1939: 401; de Ruette 1970: 112; Schedl 1930: 197–199, 1931b: 166; Wood, S. L. 1964: 65, 1977d: 515.

aurulentus Bright 1966b: 301. Holotype ♀; Shell Ridge at Walnut Creek, Contra Costa Co., California [USA]; CAS, San Francisco. Synonymy: Wood 1977d: 516.

Notes: (3) Bright 1981d: 311 (treated as a subspecies; validity doubtful). Wood 1982b: 1103 (This name is based on females with long frontal hair; this variation occurs sporadically throughout the range of the species).

References: **(hb)** Bright & Stark 1973: 116. **(ds)** Bright 1971d: 311; Bright & Stark 1973: 116. **(tx)** Bright 1966b: 301, 1981d: 311; de Ruette 1970: 108; Wood, S. L. 1977d: 516.

acceptus Bright 1981d: 315. Holotype ♀; Granite Pass, Big Horn Mountains, Wyoming [USA]; CNCI, Ottawa. Synonymy: Wood 1982b: 1103.

References: **(tx)** Bright 1981d: 315; Wood, S. L. 1982b: 1103.

nanus Wood 1964: 64. Holotype ♀; Totolapan, Oaxaca, Mexico; Wood Collection.

Distribution: North America (Chiapas, Jalisco, Oaxaca in Mexico).

Hosts: *Bursera* sp.

References: **(ec)** Equihua & Atkinson 1986: 634. **(hb)** Atkinson et al. 1986: 72; Burgos & Saucedo 1983: 123; Equihua & Atkinson 1986: 634. **(ds)**

- Atkinson et al. 1986: 72; Bright 1981d: 78; Burgos & Saucedo 1983: 123; Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 1125. **(tx)** Bright 1981d: 78; McNamara 1977: 198; Wood, S. L. 1964: 64, 1982b: 1125.
- nebulosus** Wood 1976a: 363. Holotype ♀; Lake Catemaco, Veracruz, Mexico; CNCI, Ottawa. Figures: Bright 1981d: 341. Distribution: North America (Veracruz in Mexico). Hosts: *Bursera* sp. References: **(ds)** Bright 1981d: 100, 1986: 683; Estrada & Atkinson 1988: 212; Wood, S. L. 1982b: 1126. **(tx)** Bright 1981d: 100, 341; McNamara 1984: 757; Wood, S. L. 1976a: 363, 1982b: 1126.
- nemoralis** Wood 1976a: 351. Holotype ♀; Zamorano, Morazan, Honduras; Wood Collection. Distribution: North America (Costa Rica/Honduras). Hosts: *Aristochia anguicida*, and a liana. References: **(ds)** Bright 1981d: 55; Wood, S. L. 1982b: 1114. **(tx)** Bright 1981d: 55; McNamara 1984: 757; Wood, S. L. 1976a: 351, 1982b: 1114.
- niger** Schedl 1938a: 187. Holotype, sex?; Porto Alegre [Brasil]; USNM, Washington. Distribution: South America (Brazil). References: **(ds)** Blackwelder 1947: 782. **(tx)** Anderson, W. H. & Anderson 1971: 22; Schedl 1938a: 187–188, 1979c: 166.
- nigricans** Blandford 1904: 236. Lectotype ♂; Quiche Mountains, Guatemala; BMNH, London, designated by Bright 1976b: 184. Figures: Bright 1981d: 356. Distribution: North America (El Salvador/Guatemala/ Chiapas, Durango, Hidalgo in Mexico). Hosts: *Pinus ayacahuite*, *P. rudis*, *P. strobiformis*. Notes: (3) Bright 1981d: 189 (This is *nitidulus* of Schedl 1956: 18 and Schwerdtfeger 1957: 497). References: **(ec)** Becker, G. 1953, 1955. **(hb)** Becker, G. 1953, 1955. **(ds)** Becker, G. 1953; Blackwelder 1947: 782; Bright 1981d: 189; Ferrer 1942; Hagedorn 1910d: 173; Kleine 1913b: 140, 1914b: 363; Schedl 1963c: 158, 1977e: 42; Wood, S. L. 1982b: 1071. **(tx)** Blandford 1904: 236; Bright 1976b: 184, 1978: 72, 1981d: 189, 356; Hagedorn 1910a: 101; Schedl 1938a: 183, 1940a: 348, 1955g: 18, 20; Wood, S. L. 1982b: 1071.
- chiapensis* Bright 1977: 522. Holotype ♀; 13 km E San Cristobal, Chiapas, Mexico; CNCI, Ottawa. Synonymy: Bright 1978: 72. References: **(tx)** Bright 1977: 522, 1978: 72; McNamara 1984: 754.
- nitellus** Browne 1973a: 291. Holotype, sex?; Zaire: Mwaka, Bulongo; MRBC, Teveren. Distribution: Africa (Zaire). References: **(tx)** Browne 1973a: 291.
- nitidipennis** (Schedl) 1967d: 10 (*Breviophthorus*). Holotype, sex?; Brasilien, Chapeco, 24 07, 52 36, 600 m; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil).
- References: **(ds)** Schedl 1976a: 52. **(tx)** Schedl 1967d: 10–11, 1979c: 169.
- nitidulus** (Mannerheim) 1843: 298. Lectotype ♀; Sitka Island, Alaska; MZU, Helsinki, designated by Bright 1976b: 186. Figures: Bright 1981d: 351, Chamberlin 1958: 155 (galleries). Distribution: North America (Alaska/ Alberta, British Columbia in Canada/ Arizona, California, Idaho, Nevada, Oregon, Utah, Washington, Wyoming in USA). Hosts: *Picea engelmannii*, *P. glauca*, *P. sitchensis*, *Pinus contorta*, *P. muricata*, *P. radiata*. Notes: (3) Blackman 1928b: 108 (redescribed). References: **(bv)** Furniss, M. M., Baker, & Hostetler 1976: 1300; Melsheimer 1853: 87. **(cn)** Anonymous 1968g; Chamberlin 1924; Currie 1905: 72; Doane et al. 1936; Essig 1926: 519, 1958: 519; Fall & Cockerell 1907: 217; Gillette 1903: 118; Hopkins 1904a: 17; Lindgren 1980a: 68; Ohmart & Voigt 1982: 345; Schuder 1969: 76; Swaine 1918a: 96, 100. **(ec)** Bushing & Bright 1965: 203; Chamberlin 1918a; Deyrup & Gara 1978: 275; Marsh 1979: 295; Ohmart & Voigt 1982: 340; Schedl 1958d: 187; Werner & Holsten 1984. **(hb)** Bright & Stark 1973: 113; Chamberlin 1939: 388, 1958: 154–155; Doane et al. 1936; Essig 1926: 519, 1958: 519; Hopkins 1904a: 17; Lindgren 1980a: 68; Pierce, W. D. 1906: 290; Schwarz 1894b: 255, 1905: 185; Schwerdtfeger 1957: 496; Swaine 1918a: 96, 100. **(ds)** Anonymous 1968g; Blackwelder 1947: 782; Bright 1976d: 183, 1981d: 167; Bright & Stark 1973: 113; Chamberlin 1917: 355, 1918a: 16, 1925, 1939: 388, 1958: 154–155; Cockerell et al. 1907; Currie 1905; Essig 1926: 519, 1958: 519; Evans, D. 1983: 35; Evans, D., Lowe, & Hunt 1978; Furniss, M. M., Hungerford, & Wicker 1972; Furniss, R. L. & Carolin 1977: 402; Gemminger & Harold 1872: 2688; Hagedorn 1910d: 73; Hamilton 1894a: 35; Henshaw 1885: 147; Keen 1929a: 33, 1938: 32; Kleine 1912a: 218, 1913b: 140, 1934a: 160; Leng 1920: 341; Ohmart & Voight 1981: 677, 1982: 340; Schedl 1955g: 18–20, 1963c: 158; Schuder 1969: 76; Schwarz 1894: 255, 1900: 537, 1910: 185; Swaine 1909: 135; Van Dyke 1924: 26; Werner & Holsten 1984; Wickham 1896a: 309; Wood, S. L. 1982b: 1095. **(tx)** Blackman 1928b: 91, 108–109; Bright 1976b: 186, 1981d: 167–168, 351; Chamberlin 1939: 388, 1958: 154–155; Eichhoff 1878b: 173; Evans, D. 1983: 35; Fall 1926: 208; Hagedorn 1910a: 101; Hoebeke 1978; Keen 1929a: 33; LeConte 1857: 22, 1868: 157, 1876: 354; Mannerheim 1843: 298 (reprint p. 126), 1852: 359 (reprint p. 152), 1853: 273; Melsheimer 1853: 87; Swaine 1909: 135, 1918a: 96, 100–101; Wood, S. L. 1969c: 115, 1982b: 1095.
- atratus* LeConte 1868: 156. Lectotype ♂; Cabo de los Reyes, California [USA]; MCZ, Cam-

bridge, designated by Bright 1967b: 185. Synonymy: LeConte 1876: 354.

References: **(cn)** Chamberlin 1924; Swaine 1918a: 96, 101. **(hb)** Swaine 1918a: 96, 101. **(ds)** Chamberlin 1925; Henshaw 1882: 268; Hopping 1922; Leng 1920: 341; Swaine 1909: 136. **(tx)** Blackman 1928b: 108; Bright 1976b: 185; Eichhoff 1872b: 137, 1878b: 175; LeConte 1868: 156–157, 1876: 354; Schedl 1955g: 21; Swaine 1909: 136, 1918a: 96, 101.

puncticollis LeConte 1874: 71. Lectotype ♀; Calaveras, California [USA]; MCZ, Cambridge, designated by Bright 1976b: 185. Synonymy: Blackman 1928b: 109.

References: **(cn)** Currie 1905: 72; Essig 1926: 519; Fall & Cockerell 1907: 217; Hopkins 1904a: 16; Keen 1929: 53. **(hb)** Essig 1926: 519; Hopkins 1904a: 16; Keen 1929: 53; Pierce, W. D. 1907: 291. **(ds)** Chamberlin 1917: 355, 1925; Cockerell et al. 1907; Currie 1905; Essig 1926: 519, 1958: 519; Hagedorn 1910d: 75; Henshaw 1882: 268, 1885: 147; Keen 1929: 53; Kleine 1913b: 141, 1914b: 387, 1934a: 161; Leng 1920: 341; Swaine 1909: 139. **(tx)** Blackman 1928b: 108–109; Bright 1976b: 185; Hagedorn 1910a: 101; LeConte 1874a: 70–71, 1876: 354; Schedl 1955g: 21; Swaine 1909: 139, 1918a: 101.

nitidus Swaine 1917: 25. Lectotype ♀; Tullochoram, Quebec [Canada]; CNCI, Ottawa, designated by Bright 1967b: 678.

Figures: Bright 1981d: 346.

Distribution: North America (Alaska/ Alberta, British Columbia, New Brunswick, Newfoundland, Northwest Territories, Nova Scotia, Ontario, Quebec, Yukon in Canada/ Colorado, Maine, Montana, Oregon in USA).

Hosts: *Picea engelmannii*, *P. glauca*, *P. mariana*, *Pinus resinosa*, *P. strobus*, rare in other *Pinus* spp. References: **(cn)** Lindgren 1980a: 69; Ruppel 1967: 78; Swaine 1918a: 94, 98; Swaine & Craighead 1924: 1–27. **(ec)** Werner & Holsten 1984. **(hb)** Chamberlin 1939: 358; Lindgren 1980a: 69; Schwerdtfeger 1957c: 496; Swaine 1918a: 94, 98. **(ds)** Atkinson & Equihua 1988: 98; Beaulne 1956; Bright 1971a: 127, 1976d: 183, 1981d: 129; Chamberlin 1925, 1939: 358; Elias 1982b, 1982d; Kleine 1934a: 160; Leng 1920: 341; Miller, R. F. & Morgan 1982; Morgan, A. V. & Morgan 1980: 1110; Patterson & Hatch 1945: 153; Ruppel 1967: 78; Schwert et al. 1985; Swaine 1919b: 8; Werner & Holsten 1984; Wood, S. L. 1972a: 426, 1982b: 1052. **(tx)** Blackman 1928b: 30, 35; Bright 1967b: 678, 1977: 516, 1981d: 129, 346; Chamberlin 1939: 358; de Ruette 1970: 110; Swaine 1917: 25–26, 1918a: 94, 98, 1919b: 8, 1925b: 192; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1972a: 426, 1982b: 1052.

borealis Swaine 1925b: 195. Holotype ♀; Copper-

mine River, Arctic Canada; CNCI, Ottawa. Synonymy: Bright 1977: 516.

References: **(cn)** Evans, D. 1982; Lindgren 1980a: 68. **(hb)** Chamberlin 1939: 358; Evans, D. 1982; Lindgren 1980a: 68. **(ds)** Bright 1976d: 181; Chamberlin 1939: 358; Evans, D., Lowe, & Hunt 1978; Fall 1926: 208; Kleine 1934a: 158; Leng & Mutchler 1933: 52; Wood, S. L. 1957c: 401. **(tx)** Blackman 1928b: 30, 35; Bright 1967b: 678, 1977: 516; Chamberlin 1939: 358; Evans, D. 1982; Fall 1926: 208; de Ruette 1970: 108; Swaine 1925b: 195–196; Wood, S. L. 1957c: 401.

anceps Blackman 1928b: 31. Holotype ♀; Clyde, Colorado [USA]; USNM, Washington. Synonymy: Bright 1977: 516.

References: **(hb)** Chamberlin 1939: 357. **(ds)** Chamberlin 1939: 357; Keen 1929a: 32; Kleine 1934a: 158; Leng & Mutchler 1933: 10, 52. **(tx)** Blackman 1928b: 29–32; Bright 1977: 516; Chamberlin 1939: 357; Keen 1929a: 32; de Ruette 1970: 107; Wood, S. L. 1964: 59.

varians Schedl 1930: 196. Holotype ♀; Truro, Nova Scotia [Canada]; CNCI, Ottawa. Synonymy: Wood 1957c: 401.

References: **(hb)** Chamberlin 1939: 369. **(ds)** Beaulne 1956; Chamberlin 1939: 369; Leng & Mutchler 1933: 52. **(tx)** Bright 1977: 516; Chamberlin 1939: 369; de Ruette 1970: 112; Schedl 1930: 196, 1931b: 163, 1979c: 264; Wood, S. L. 1957c: 401.

aquilonius Bright 1968c: 604. Holotype ♀; Rampart House, Yukon Territory [Canada]; CNCI, Ottawa. Synonymy: Bright 1977: 516.

References: **(ds)** Bright 1976d: 180. **(tx)** Bright 1968c: 604, 1977: 516; de Ruette 1970: 108.

nocturnus Schedl 1938a: 185. Lectotype ♂; San Geronimo, Verapaz, Guatemala; BMNH, London, designated by Bright 1976b: 186.

Figures: Blackman 1942a: fig. 45, Bright 1981d: 357.

Distribution: North America (Guatemala/ Honduras/ Chiapas, Hidalgo, Veracruz in Mexico).

Hosts: *Pinus lawsonii*, *P. oocarpa*, *P. pseudostrobus*, *P. strobus* var. *chiapensis*, *P. tenuifolia*.

References: **(cn)** Schwerdtfeger 1956b: 48. **(hb)** Atkinson et al. 1986: 39; Schwerdtfeger 1956b: 48, 1957c: 499. **(ds)** Atkinson & Equihua 1988: 98; Atkinson et al. 1986: 39; Blackwelder 1947: 782; Bright 1981d: 192, 1986: 684; Wood, S. L. 1982b: 1087. **(tx)** Bright 1976b: 186, 1977: 517, 1979c: 171, 1981d: 192, 357; Schedl 1938a: 185–186, 1955g: 23, 1979c: 171; Wood, S. L. 1982b: 1087.

hidalgoensis Blackman 1942a: 215. Holotype ♀; Jacala, Hidalgo, Mexico; USNM, Washington. Synonymy: Bright 1977: 516.

References: **(ds)** Blackwelder 1947: 782. **(tx)** Blackman 1942a: 215; Bright 1977: 516–517.

- novateutonicus** Schedl 1964b: 205. Holotype ♂; Nova Teutonia, S. Catarina, Brasilien; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1964b: 205, 1979c: 172.
- novellus** Blackman 1928b: 96. Holotype ♀; Tehachipi, California [USA]; USNM, Washington. Distribution: North America (California in USA). Hosts: *Pinus sabiniana*.
Notes: (3) Bright 1981d: 328 (the holotype is callow, shriveled, and in poor condition; it may be of *infulatus*). Wood 1982b: 1091 (the allotype and female paratype are of *tuberculatus*; type data of this species and of *infulatus* and its synonyms suggest that *novellus* is synonymous with *infulatus*).
References: (hb) Chamberlin 1939: 385. (ds) Chamberlin 1939: 385; Keen 1929a: 33; Kleine 1934a: 160; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1091. (tx) Blackman 1928b: 96; Bright 1971b: 68, 1981d: 328; Chamberlin 1939: 385; Keen 1929a: 33; Wood, S. L. 1982b: 1091.
- nugalis** Wood 1976a: 356. Holotype ♀; Volcan Pacaya, Esquintla, Guatemala, 1300 m; Wood Collection.
Distribution: North America (Guatemala).
Hosts: Liana.
References: (ds) Bright 1981d: 43; Wood, S. L. 1982b: 1138. (tx) Bright 1981d: 43; Wood, S. L. 1976a: 356, 1982b: 1138.
- obtusipennis** Blandford 1904: 240. Lectotype ♂; Balheu, Verapaz, Guatemala; BMNH, London, designated by Bright 1976b: 184.
Figures: Bright 1981d: 336.
Distribution: North America (Guatemala/ Chiapas, Hidalgo, Mexico, Michoacan in Mexico).
Hosts: *Pinus lawsonii*, *P. leiophylla*, *P. strobus* var. *chiapensis*, *P. sp.*
References: (hb) Atkinson et al. 1986: 39; Burgos & Saucedo 1983: 123. (ds) Atkinson & Equihua 1988: 98; Atkinson et al. 1986: 39; Blackwelder 1947: 782; Bright 1981c: 51; Burgos & Saucedo 1983: 123; Hagedorn 1910d: 73; Kleine 1913b: 140, 1914b: 363; Wood, S. L. 1982b: 1128. (tx) Blandford 1904: 240; Bright 1976b: 184, 1981d: 51, 336; Hagedorn 1910a: 101; Schedl 1955g: 18; Wood, S. L. 1982b: 1128.
- obtusus** Schauffuss 1891: 17. Syntypes ♂ ♀; Madagascar; Hamburg Museum, lost, 1 syntype in Eggers Collection, in NHMW, Wien.
Distribution: Madagascar
Notes: (1) Schedl 1979c: 176 (citation of holotype invalid).
References: (ds) Alluaud 1900: 441; Anonymous 1892: 165; Fairmaire 1892b; Hagedorn 1910d: 73; Kleine 1913b: 140, 1914b: 326. (tx) Fairmaire 1892b; Hagedorn 1910a: 101, 1913b: 255; Schauffuss 1891: 17; Schedl 1938a: 183, 1965c: 67, 1977b: 113, 1979c: 176.
- occidentalis** Blackman 1920b: 4. Lectotype ♂; Pitkin, Colorado [USA]; USNM, Washington, designated by Bright 1976b: 183.
Distribution: North America (Colorado, New Mexico, Utah, S Wyoming in USA).
Hosts: *Picea engelmannii*, *P. pungens*, apparently accidental in *Pinus contorta*, *P. flexilis*.
Notes: (3) Blackman 1928b: 110 (redescribed).
References: (hb) Chamberlin 1939: 389. (ds) Bright 1976d: 183, 1981d: 171; Chamberlin 1925, 1939: 389; Keen 1929a: 33; Kleine 1934a: 160; Leng & Mutchler 1927: 52; Snow 1907: 188; Wickham 1898: 312; Wood, S. L. 1972a: 426, 1982b: 1095. (tx) Blackman 1920b: 4–5, 1928b: 91, 110; Bright 1976b: 183, 1981d: 171; Chamberlin 1939: 389; Keen 1929a: 33; McNamara 1984: 757; Wood, S. L. 1972a: 426, 1982b: 1095.
- occlusus** Bright 1976c: 437. Holotype ♀; Yuscaran, Paraiso, Honduras; Wood Collection.
Figures: Bright 1981d: 336.
Distribution: North America (Honduras/ Nayarit, Oaxaca in Mexico).
Hosts: *Pinus caribaea*, *P. oocarpa*.
References: (ds) Atkinson & Equihua 1985c: 359; Bright 1981d: 53; Wood, S. L. 1982b: 1128. (tx) Bright 1976c: 437, 1981d: 53, 336; McNamara 1984: 757; Wood, S. L. 1982b: 1128.
- olivierai** Schedl 1972g: 68. Holotype, sex?; Brasilien, Pedra Azul, Minas Gerais; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1972g: 68, 1979c: 178.
- opaculus** LeConte 1878b: 623. Holotype ♀; Marquette, Michigan [USA]; MCZ, Cambridge.
Figures: Bright 1981d: 360.
Distribution: North America (Alaska/ all provinces in Canada/ Arizona, California, Colorado, Idaho, Maine, Michigan, Minnesota, Nevada, New Hampshire, New Mexico, New York, Pennsylvania, South Dakota, Utah, West Virginia, Wyoming in USA).
Hosts: *Abies balsamea*, *A. concolor*, *A. lasiocarpa*, *Larix raricina*, *Picea engelmannii*, *P. glauca*, *P. pungens*, *Pinus sylvestris*, *Pseudotsuga menziesii*.
References: (bv) Hosking & Knight 1975. (cn) Blackman 1950; Chamberlin 1924; Doane et al. 1936; James & Linnane 1979; Schuder 1969: 80; Stevens, Lister, & Linnane 1979; Swaine 1918a: 95, 99; Swaine & Craighead 1924: 1–27. (ec) Werner & Holsten 1984. (hb) Baker, W. L. 1972: 255; Blackman 1950; Chamberlin 1939: 366; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Swaine 1918a: 95, 99. (ds) Anonymous 1926c: 519; Ashworth 1977; Blackman 1950; Blatchley & Leng 1916: 633; Bright 1976d: 187, 1981d: 218; Chamberlin 1925, 1939: 366; Deyrup 1981: 8; Deyrup & Atkinson 1987a: 66; Drooz 1985: 363; Elias 1982b, 1982c, 1982d; Hagedorn 1910d: 73; Henshaw 1882: 268, 1885: 147; Hubbard &

- Schwarz 1878a: 665, 1878b: 623; Kleine 1913b: 140, 1934a: 160; Leng 1920: 341; Leonard 1928: 519; Miller, R. F. & Morgan 1982; Morgan, A. V. & Morgan 1980: 1110; Schuder 1969: 80; Swaine 1909: 136; Werner & Holsten 1984; Wood, S. L. 1957c: 401, 1982b: 1037. **(tx)** Blackman 1922b, 1928b: 44, 52; Blatchley & Leng 1916: 633; Bright 1977: 517, 1981d: 218, 360; Chamberlin 1939: 366; Hagedorn 1910a: 101; LeConte 1878b: 623; Schedl 1931b: 165; Swaine 1909: 136, 1918a: 95, 99; Wood, S. L. 1957c: 401, 1982b: 1037.
- abietis* Blackman 1928b: 49. Holotype ♀; Silver Lake, Utah [USA]; USNM, Washington. Synonymy: Bright 1977: 517.
References: **(hb)** Bright & Stark 1973: 107; Chamberlin 1939: 365. **(ds)** Bright & Stark 1973: 107; Chamberlin 1939: 365; Keen 1929a: 32; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 49–50; Bright 1977: 517; Chamberlin 1939: 365; Keen 1929a: 32; Michalski 1969b: 569; de Ruelle 1970: 107.
- albertensis* Blackman 1928b: 50. Holotype ♀; Banff Sp. [Banff Springs], Alberta, Canada; USNM, Washington. Synonymy: Bright 1977: 517.
References: **(cn)** Lindgren 1980a: 67. **(hb)** Chamberlin 1939: 365, 1958: 149; Lindgren 1980a: 67. **(ds)** Bright 1976d: 180; Chamberlin 1939: 365, 1958: 149; Leng & Mutchler 1933: 52; Smith, G. S. 1930; Wood, S. L. 1972a: 425. **(tx)** Blackman 1928b: 44, 50–51; Bright 1977: 517; Chamberlin 1939: 365, 1958: 149; de Ruelle 1970: 107; Wood, S. L. 1972a: 425.
- exiguus* Blackman 1928b: 51. Holotype ♀; Ft. Garland, Colorado [USA]; USNM, Washington. Synonymy: Bright 1977: 517.
References: **(hb)** Chamberlin 1939: 366. **(ds)** Chamberlin 1939: 366; Keen 1929a: 32; Kleine 1934a: 159; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 51; Bright 1966b: 298, 1977: 517; Chamberlin 1939: 366; Keen 1929a: 32; de Ruelle 1970: 109.
- pygmaeus* Schedl 1931b: 165. Holotype ♀; Ste. Anne's, Quebec [Canada]; CNCI, Ottawa. Synonymy: Wood 1957c: 401.
References: **(hb)** Chamberlin 1939: 366. **(ds)** Beaulne 1956; Chamberlin 1939: 366; Leng & Mutchler 1933: 95. **(tx)** Bright 1977: 517; Chamberlin 1939: 366; de Ruelle 1970: 111; Schedl 1931b: 165–166; Wood, S. L. 1957c: 401.
- orarius* Bright 1968c: 607. Holotype ♀; Colwood, Esquimalt District, British Columbia [Canada]; CNCI, Ottawa.
Figures: Ruth 1980: 15.
Distribution: North America (British Columbia in Canada).
Hosts: *Pseudotsuga menziesii*.
- References: **(cn)** Hedlin 1974: 53; Meso 1979: 247; Ruth 1980: 15. **(hb)** Bright 1981d: 255; Hedlin 1974: 53; Hedlin & Ruth 1970: 105–108; Meso 1979: 247; Ruth 1980: 15. **(ds)** Bright 1976d: 184, 1981d: 255; Furniss, R. L. & Carolin 1977: 402; Hedlin & Ruth 1970; Wood, S. L. 1982b: 1061. **(tx)** Bright 1968c: 607–608; 1981d: 255; de Ruelle 1970: 110; Ruth 1980: 15; Wood, S. L. 1982b: 1061.
- ornatus* Blackman 1928b: 102. Holotype ♀; Manitou, Colorado [USA]; USNM, Washington.
Distribution: North America (Colorado, Utah, Wyoming in USA).
Hosts: *Picea pungens*, rare or accidental in *Pinus* spp.
Notes: (3) Bright 1981d: 147 (treated as a synonym of *intextus*).
References: **(hb)** Chamberlin 1939: 387. **(ds)** Chamberlin 1939: 387; Keen 1929a: 33; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1090. **(tx)** Blackman 1928b: 102; Chamberlin 1939: 387; Keen 1929a: 33; McNamara 1984: 757; Wood, S. L. 1977d: 516, 1982b: 1090.
- kenti* Blackman 1928b: 141. Holotype ♀; Black Hills, Wyoming [USA]; USNM, Washington. Synonymy: Wood 1977b: 210.
References: **(hb)** Chamberlin 1939: 401. **(ds)** Chamberlin 1939: 401; Keen 1929a: 34; Kleine 1934a: 160; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 141; Bright 1977: 515; Chamberlin 1939: 401; Keen 1929a: 34; McNamara 1984: 756; Wood, S. L. 1977b: 210.
- limatus* Wood 1964: 65. Holotype ♀; Sanford Canyon, Dixie National Forest, Utah [USA]; Wood Collection. Synonymy: Wood 1977d: 516.
References: **(tx)** McNamara 1977: 198; Wood, S. L. 1964: 65, 1977d: 516.
- ostriacolens* Bright 1986b: 681. Holotype ♀; Mexico: Cuernavaca, Morelos; CNCI, Ottawa.
Distribution: North America (Morelos in Mexico).
Hosts: *Ostrya virginiana*.
References: **(tx)** Bright 1986b: 681.
- pampasae* Schedl 1970e: 92. Holotype, sex?; Pampas (wohl Argentinien); Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina).
References: **(tx)** Schedl 1970e: 92, 1979c: 183.
- parfentievi* Pjatsnitskii 1931: 169. Syntypes, sex?; Kirgisien, USSR; Pjatsnitskii Collection.
Distribution: Europe (W USSR).
Hosts: *Picea schrenkiana*.
References: **(hb)** Stark 1952: 345. **(ds)** Kadyrov 1989; Kleine 1934a: 161; Marikovskii 1956: 73; Parfentev 1951: 429–430; Pfeffer 1976: 340; Stark 1952: 345. **(tx)** Pfeffer 1940b: 108, 111, 117, 1976: 340; Pjatsnitskii 1931: 169–171; Schedl 1934f: 1643, 1979c: 185; Sokanovskii 1954: 19; Stark 1952: 345.
- parilis* Wood 1976a: 359. Holotype ♀; Buenos Aires, Cortez, Honduras, 2300 m; Wood Collection.

Distribution: North America (Honduras).

Hosts: *Quercus* sp. branch.

References: **(ds)** Bright 1981d: 103; Wood, S. L. 1982b: 1082. **(tx)** Bright 1981d: 103; Wood, S. L. 1976a: 359, 1982b: 1082.

paulus Wood 1964: 63. Holotype ♀; 40 km NE Jacala, Hidalgo, Mexico; Wood Collection.

Distribution: North America (Chiapas, Chihuahua, Hidalgo, Michoacan, San Luis Potosi, Tlaxcala, Veracruz in Mexico).

Hosts: *Senecio* sp.

Notes: (3) The host recorded as *Baccharus* sp. was actually *Senecio* (SLW).

References: **(hb)** Atkinson & Equihua 1985a: 91, 1985c: 359; Atkinson et al. 1986: 40, 72; Burgos & Saucedo 1983: 124. **(ds)** Atkinson & Equihua 1985a: 91, 1985c: 359; Atkinson et al. 1986: 40, 72; Bright 1981d: 63; Burgos & Saucedo 1983: 124; Wood, S. L. 1982b: 1130. **(tx)** Bright 1981d: 63; McNamara 1977: 198; Wood, S. L. 1964: 63, 1982b: 1130.

pellitus Schedl 1955g: 23. Lectotype ♀; Quezaltenango, Guatemala; Schedl Collection in NHMW, Wien, designated by Bright 1976b: 186. Figures: Bright 1981d: 360.

Distribution: North America (Guatemala/ Chiapas, Hidalgo, Oaxaca, Puebla, Queretaro in Mexico).

Hosts: *Pinus greggii*, *P. lawsonii*, *P. michoacana*, *P. montezumae*, *P. oocarpa*, *P. pseudostrobus*, *P. rudis*, *P. tenuifolia*, *P. spp.*

References: **(hb)** Bright 1981d: 216; Schwerdtfeger 1957c: 500. **(ds)** Bright 1981d: 216; Wood, S. L. 1982b: 1138. **(tx)** Bright 1976b: 186, 1981d: 216, 360; Schedl 1955g: 18, 23, 1979c: 187; Wood, S. L. 1982b: 1038.

pentaclethrae Schedl 1957d: 62. Holotype ♂?; Congo Belge; Luki, Mayumbe; MRCB, Tervuren. Distribution: Africa (Zaire).

Hosts: *Pentaclethra macrophylla*.

References: **(ec)** Schedl 1958d: 188, 1962j: 18. **(hb)** Schedl 1962j: 18. **(ds)** Schedl 1962j: 18. **(tx)** Schedl 1957d: 62, 1962j: 18, 1979c: 187–188.

peregrinus Eichhoff 1878b: 193. Holotype, sex?; America meridionalis (Brasilia); Hamburg Museum, lost.

Distribution: South America (Brazil).

References: **(ds)** Blackwelder 1947: 782; Gonçalves 1935: 414–420; Hagedorn 1910d: 73; Kleine 1913b: 140, 1914b: 336. **(tx)** Eichhoff 1878a: 389, 1878b: 193; Hagedorn 1910a: 101.

perexiguus Wood 1976a: 355. Holotype ♀; Dominical, Puntarenas, Costa Rica, 3 m; Wood Collection. Distribution: North America (Costa Rica/ Panama).

Hosts: Tree limb.

References: **(ds)** Bright 1981d: 67; Wood, S. L. 1982b: 1138. **(tx)** Bright 1981d: 67; McNamara 1984: 757; Wood, S. L. 1976a: 355, 1982b: 1138.

perotei Blackman 1942a: 218. Holotype ♀; Perote, Veracruz, Mexico; USNM, Washington.

Distribution: North America (Mexico, Morelos, Puebla, Veracruz in Mexico).

Hosts: *Pinus leiophylla*, *P. teocote*.

References: **(hb)** Atkinson et al. 1986: 40; Burgos & Saucedo 1983: 121. **(ds)** Atkinson & Equihua 1985a: 97; Atkinson et al. 1986: 40; Blackwelder 1947: 782; Bright 1981c: 282; Burgos & Saucedo 1983: 121; Thomas, J. B. 1966; Wood, S. L. 1982b: 1098. **(tx)** Blackman 1942a: 218; Bright 1981d: 282; McNamara 1984: 757; Wood, S. L. 1982b: 1098.

philippinensis Schedl 1936h: 59. Holotype ♀; Luzon, Manila; Schedl Collection in NHMW, Wien. Distribution: Philippine Islands (Luzon).

References: **(ds)** Schedl 1966b: 41. **(tx)** Schedl 1936h: 59, 1938a: 183, 1979c: 192.

pinacorus Bright 1985c: 182. Holotype ♀; Florida: Highlands Co., Lake Placid, 3 miles [5 km] E Archbold Biological Station [USA]; CNCI, Ottawa.

Distribution: Antilles Islands (Dominican Republic in Hispanola), North America (Florida in USA).

Hosts: *Pinus elliottii*, *P. occidentalis*.

References: **(ec)** Haack et al. 1989. **(bv)** Haack et al. 1989. **(hb)** Haack et al. 1989. **(ds)** Bright 1985c: 176. **(tx)** Bright 1985c: 176, 182.

pinguis (Blackman) 1928b: 20 (*Myeloborus*). Holotype ♀; Longmont, Colorado [USA]; USNM, Washington.

Distribution: North America (Arizona, Colorado, Nevada, New Mexico, Utah, Wyoming in USA).

Hosts: *Pinus flexilis*, *P. strobiformis*.

Notes: (1) Blackman 1928: 20 (*pinquis*, lapsus calami; name correctly spelled on p. 17, 149, 153, and fig. 60 as *pinguis*).

References: **(hb)** Chamberlin 1939: 340. **(ds)** Chamberlin 1939: 340; Keen 1929a: 31; Kleine 1934a: 163; Leng & Mutchler 1933: 53; Wood, S. L. 1972a: 424. **(tx)** Blackman 1928b: 20; Bright 1976c: 427, 1981d: 210; Chamberlin 1939: 340; Keen 1929a: 31; de Ruelle 1970: 104; Wood, S. L. 1951a: 128, 1972a: 424.

pini Kurenzov 1941a: 176. Lectotype, sex?; Ternei region, Suputinia River, Ussuri, USSR; Kurenzov Collection in ISBN, Novosibirsk, designated by Michalski 1969a: 895.

Figures: Yin, Huang, & Li 1984: 120 (elytral declivity).

Distribution: Asia (China/ E USSR).

Hosts: *Picea koraiensis*, *P. obovata*, *Pinus koraiensis*.

References: **(hb)** Krivolutsкая 1956: 838, 1960: 78; Kurenzov 1948b: 108, 1950d: 228; Stark 1952: 357. **(ds)** Krivolutsкая 1956: 838, 1960: 78, 1983; Pfeffer 1976: 340; Stark 1952: 357; Zinovjev 1955: 187, 190. **(tx)** Krivolutsкая 1956: 836, 838; Kurenzov 1941a: 176, 233, 1948b: 108; Michalski

1969a: 895, 1969b: 569; Pfeffer 1976: 340; Stark 1952: 357; Yin, Huang, & Li 1984: 120.

pinsapo Pfeffer 1982b: 154. Holotype, sex?, Spain; apparently in Prague Museum.

Distribution: Europe (Spain).

Hosts: *Abies pinsapo*.

References: (tx) Pfeffer 1982b: 154–157.

pityographus (Ratzeburg) 1837: 162 (*Bostrichus*).
Syntypes, sex?, Europe; not located.

Figures: Grune 1979: 114, Joly 1976b: fig. 143, Pfeffer 1989a: pl. 9, Tsai & Li 1959: 94.

Distribution: Asia (Turkey), Europe (Austria/ Belgium/ Bulgaria/ Czechoslovakia/ Denmark/ France/ Germany/ Greece/ Hungary/ Italy/ Poland/ Romania/ Crimea, Ukraine in W USSR/ Yugoslavia).

Hosts: *Picea excelsa*, *P. omorica*, *P. orientalis*, *Abies alba*, *A. borisi*, *A. bornmulleriana*, *A. cephalonica*, *A. pectinata*, *Pinus heldreichii*, *P. peuce*.

References: (ay) Chararas 1977b. (bv) Chararas 1966b, 1977b; Francke et al. 1987; Grune 1979: 115; Hellrigl 1985; Jacobson 1972; Krol & Zabecki 1976; Mori & Puapoomchareon 1987; Prell 1930c: 631; Tragardh 1930b: 102; Zumr & Landa 1985. (cn) Capecki 1982; Capek et al. 1957; Chararas 1961b: 70, 1961c: 93, 1978; Chorbazdzhevo 1929; Gradojevic 1933; Grandi 1951; Hess 1907: 245; Hrubick 1973; Joly 1976; Kailidis & Georgevits 1972; Komarek 1931: 1–256; Konig, E. 1971; Krol 1980a; Krol & Zabecki 1976; Lezhava 1930: 1–15; Lozovoi & Tropin 1965, 1967; Martinek 1953a: 373; Nosek 1951: 106, 1952b: 98, 1959b: 73; Oppermann 1965; Pfeffer 1947c: 204, 1949b: 147, 1950c: 3; Schimitschek 1937c: 55, 1952c: 59; Szujewski 1956: 241–242; Vite 1984b; Wichmann 1927b: 353; Zumr & Landa 1985. (ec) Balazy 1962, 1968; Balazy & Michalski (1964), 1964b; Balazy et al. 1977; Capecki 1982; Chararas 1959d; Gadek 1976; Hellrigl 1985; Heuer & Vite 1984b; Hirschmann & Wisniewski 1982, 1983; Karpinski 1932a: 95, 99, 101; Kielczewski 1976; Kielczewski & Balazy 1966; Kielczewski, Bohdan, & Balazy 1967: 161–163; Kielczewski, Moser, & Wisniewski 1983; Kielczewski & Wisniewski 1978, 1983; Krol 1980a; Krol & Zabecki 1976; Kudela 1981; Lozovoi & Tropin 1965, 1967; Masutti 1959: 268, 299; Michalski & Ratajczak 1989; Nosek 1951: 106, 1952b: 98, 1959b: 87; Nunberg 1930: 201; Nunberg & Wiackowski 1958: 130; Pfeffer 1932a: 8, 1943b: 182, 1947c: 204, 1949b: 147, 1950c: 3, 1955b: 84, 1957a: 198, 1959: 5, 1960: 346; Ratzeburg 1869a: 79; Rondani 1873: 140; Schimitschek 1941a: 312; Zumr 1985b. (hb) Balachowsky 1963a: 1254; Balazy 1968; Budge 1949; Chararas 1961b: 70, 1961c: 93, 1962c: 363, 1977b; Chorbazdzhevo 1929; Grandi 1951; Henschel 1876a: 99, 240; Hess 1907: 245; Joly 1976; Karpinski & Strawinski 1948: 156; Konig, E. 1971; Kudela 1981; Lozovoi & Tropin 1965, 1967; Masutti 1959: 268,

299, 1964; Michalski 1959a: 291; Nordlinger 1856: 27; Nosek 1959b: 87; Nunberg 1929a: 111, 1929c: 121, 1947c: 106; Pfeffer 1941b: 1, 1941c: 5, 1989a: 63; Postner 1974: 434; Prell 1930c: 631; Ratzeburg 1837: 136, 1839: 166; Schwerdtfeger 1981: 192; Simmel 1928: 154; Spessivtsev 1923: 205; Stark 1952: 344; Szujewski 1955: 241; Tragardh 1930b: 102; Tschorbadjiev 1929: 169; Wichmann 1927b: 353. (ds) Andersch 1851; Arnoldi et al. 1955: 713; Arru, Covassi, & de Bellis 1966: 32; Benz 1985; Bielz 1851; Borchert 1951; Brakman 1966b: 206; Buresh & Lazarov 1956; Capek et al. 1957; Chapuis & Candezze 1853; Chararas 1962c: 363; Chorbazdzhevo 1929; Endrodi 1958b; Escherich 1932b; Forster 1849: 439; Gaubil 1849: 126; Gozis 1875: 80; Gradojevic 1933: 789–790; Gredler 1868: 374; Grune 1979: 115; Hansen, V. 1956; Horion 1951; Jacentkovsky 1939: 76; Jannicky 1960a; Joly 1976; Kailidis & Georgevits 1972; Kaltenbach 1874: 685; Karpinski 1931: 19, 1932a: 95, 99, 101, 1933a: 290, 1948b: 231; Karpinski & Strawinski 1948: 156; Kiefer et al. 1942: 528; Kraatz 1869: 59; Kudela 1946a: 339; Leclercq 1971; Lindemann 1884b: 264; Lucht 1987: 278; Mequignon 1936: 54; Michalski 1957: 165; Negru 1966b: 403; Nunberg 1928b: 88, 111, 1938: 126, 1954: 70; Perris 1876a: 255, 1877a: 255; Pfeffer 1931b: 74, 1935: 158, 1947d: 129, 1947e: 2, 1950b: 73, 1960: 346, 1976: 339, 1989a: 63; Pittioni 1943: 175; Pjatnitskii 1930a: 165, 1931: 171–173; Postner 1974: 434; Ratzeburg 1837: 136, 1839: 166; Redtenbacher 1858: 830; Roubal 1935b: 72, 1936b: 193, 1941: 269; Sainte-Claire & Mequignon 1938: 448; Schaum 1859: 95, 1862: 101; Schedl 1959h: 100, 1961b: 184, 1967c: 71, 1980a: 23, 1981b: 77; Schilsky 1909: 188; Schwerdtfeger 1981: 192; Seidl 1876: 4; Stark 1952: 344; Stein 1868: 114; Stein & Weise 1877: 164; Stolina 1969: 610–627; Strand 1964: 243; Sturm 1843: 230; Szujewski 1955: 241; Tschorbadjiev 1929: 159; Wachtl 1870: 259; West 1938: 184; Wichmann 1927a: 73–74; Zivojinovic 1960: 25. (tx) Bach 1854; Balachowsky 1949a: 235; Chapuis & Candezze 1853; Eggers 1940g: 36; Endrodi 1957a: 307, 1957b; Grune 1979: 114–115; Hansen, V. 1956; Hellrigl 1985; Henschel 1876a: 99, 240; Joly 1976, 1976b: fig. 143; Karpinski 1949: 129; Karpinski & Strawinski 1948: 156; Letzner 1891: 376; Lucht 1987: 278; Negru 1966b: 403; Nordlinger 1848: 242, 1856: 27; Nunberg 1929c: 121, 1930, 1938: 126, 1954: 70; Perris 1877a: 255; Pfeffer 1930: 111, 116, 1932b: 22, 1940b: 107, 114, 116, 1941b: 1, 1941c: 5, 1947e: 2, 1976: 339, 1989a: pl. 9; Pjatnitskii 1931: 171; Postner 1974: 434; Ratzeburg 1837: 136, 162, 1839: 166; Redtenbacher 1849: 26, 851, 1858: 830; Schedl 1934f: 1643, 1952f: 87, 1958k: 144, 1959h: 100, 1980a: 23, 1981b: 77; Schimitschek 1937c: 55; Schmidt, G. 1980: 17; Spessivtsev 1923: 205–206, 1926b: 50, 1929a: 678–682,

1929c: 297; Stark 1952: 344; Trappen 1935; Tsai & Li 1959: 94. (**ms**) Chararas 1959d; Escherich 1932b; Michalski 1959a: 291; Mori & Puapoomchareon 1987.

pityographus cribratus Pfeffer 1940: 110. Holotype, sex?, Mt. Chelmon, Greece; Pfeffer Collection in Prague Museum.

Notes: (3) Pfeffer 1976: 335 (cited as a subspecies).

References: (**ds**) Pfeffer 1976: 340, 1989a: 64. (**tx**) Pfeffer 1940: 107, 110, 1976: 340.

pityographus bibractensis Balachowsky 1949a: 236. Holotype ♂; Foret de St.-Prix (Morvan), France, 800 m; MNHN, Paris. Synonymy: Schedl 1958k: 144.

References: (**ds**) Larroche & Torossian 1971. (**tx**) Balachowsky 1949a: 236; Schedl 1958k: 144.

pityographus maritimus Stark 1952: 344. Holotype, sex?, Caucasus; IZL, Leningrad.

References: (**tx**) Michalski 1969b: 569; Stark 1952: 344.

plaumanni (Schedl) 1970e: 102 (*Breviophthorus*).

Holotype, sex?, Brasilien, Bocaiuva (Pa), 25 08, 49 04, 1000 m; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil).

References: (**tx**) Schedl 1970e: 102, 1979c: 196.

pseudotsugae Swaine 1918a: 99. Holotype ♀; BX Mountain, Vernon District, British Columbia [Canada]; CNCI, Ottawa.

Figures: Bright 1981d: 350.

Distribution: North America (British Columbia in Canada/ Arizona, California, Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming in USA).

Hosts: *Abies concolor*, *A. grandis*, *A. lasiocarpa*, *A. magnifica*, *Picea engelmannii*, *Pinus lambertiana*, *Pseudotsuga menziesii*, *Tsuga heterophylla*.

Notes: (3) Blackman 1928b: 106 (redescribed).

References: (**cn**) Anonymous 1963k, 1963y; Browne 1968b: 564; Chamberlin 1924; Doane et al. 1936; Hofacker et al. 1989; Ruppel 1967: 78; Schuder 1969: 77; Stark & Borden 1965: 1162–1163; Struble 1937d: 11, 1957: 14; Swaine 1918a: 96, 99. (**ec**) Ashraf & Berryman 1969: 19; Berryman 1968a: 66; Bushing & Bright 1965: 203; Dewey & Clinton 1980; Deyrup & Gara 1978: 275; Struble 1957: 14. (**hb**) Bright & Stark 1973: 114; Browne 1968b: 564; Chamberlin 1939: 387, 1958: 154; Doane et al. 1936; Furniss 1968: 1384–1389; Struble 1937d: 11, 1957: 14; Swaine 1918a: 96, 99. (**ds**) Anonymous 1963k, 1963y; Bedard 1938a; Bright 1976d: 184, 1981d: 162; Bright & Stark 1973: 114; Browne 1968b: 564; Chamberlin 1925, 1939: 387, 1958: 154; Downing 1963: 8; Evans, D. 1983: 35; Furniss, R. L. & Carolin 1977: 402; Gast et al. 1989: 385; Hopping 1922; Keen 1929a: 33; Kleine 1934a: 161; Leng 1920: 341; McComb et al. 1953: 2; Patterson & Hatch 1945:

153; Ruppel 1967: 78; Schuder 1969: 77; Thatcher 1935: 261; Wood, S. L. 1948: 53, 1951a: 128, 1972a: 426, 1982b: 1093. (**tx**) Blackman 1928b: 91, 106–107; Bright 1967b: 678, 1981d: 162, 350; Chamberlin 1939: 387, 1958: 154; Evans, D. 1983: 35; Hoebeke 1978; Keen 1929a: 33, 1938: 32; de Ruette 1970: 110; Swaine 1918a: 96, 99; Wood, S. L. 1951a: 128, 1972a: 426, 1977d: 516, 1982b: 1093.

thatcheri Bright 1976c: 442. Holotype ♀; Big Sandy Meadow, S28, T5S, R2E, California [USA]; Wood Collection. Synonymy: Wood 1977d: 516.

References: (**tx**) Bright 1976c: 442; McNamara 1984: 758; Wood, S. L. 1977d: 516.

puberulus (LeConte) 1868: 157 (*Cryphalus*). Holotype, sex?, District of Columbia [USA]; MCZ, Cambridge.

Figures: Bright 1981d: 366.

Distribution: North America (New Brunswick, Nova Scotia, Ontario, Quebec in Canada/ District of Columbia, Indiana, Kansas, Kentucky, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, Virginia, West Virginia, Wisconsin in USA).

Hosts: *Abies balsamea*, *Picea* spp., *Pinus banksiana*, *P. resinosa*, *P. strobus*, *P. sylvestris* twigs.

Notes: (1) LeConte 1876: 354 (to *Pityophthorus*). (3) Blackman 1928b: 48 (redescribed).

References: (**ay**) Thomas, J. B. 1957: 4, 1967. (**bv**) Kirkendall 1984: 241. (**cn**) Anonymous 1965b; Blackman 1950; Browne 1968b: 564; Chamberlin 1924; Doane et al. 1936; Felt 1906: 752; Hopkins 1899c: 443; Lanier, Abrahamson, & Schoeneck 1983; Lindquist, O. H. & Syme 1981: 88; Packard 1890: 718; Pettit 1928: 1–20; Schuder 1969: 80; Swaine 1918a: 95, 99; Syme & Nystrom 1988: 84. (**ec**) Bushing 1965: 464; Felt 1906: 752; Heqvist 1959: 181; Lanier, Abrahamson, & Schoeneck 1983; Reid 1957b: 7. (**hb**) Baker, W. L. 1972: 255; Blackman 1950; Browne 1968b: 564; Chamberlin 1939: 365; Chittenden 1890; Deyrup & Atkinson 1987a: 66; Deyrup & Kirkendall 1983; Doane et al. 1936; Felt 1906: 752; Hopkins 1899c: 443; Packard 1881: 170–175, 1890: 718, 812; Pierce, W. D. 1907: 291; Schwarz 1888a: 80; Swaine 1918a: 95, 99. (**ds**) Anonymous 1926c: 519, 1965b; Baker, W. L. 1972: 255; Blackman 1919b: 140–142, 1950; Blatchley & Leng 1916: 629; Bright 1971a: 127, 1976d: 187, 1981d: 264; Britton 1920a; Browne 1968b: 564; Chamberlin 1925, 1939: 365; Chittenden 1890; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66; Dodge 1938; Drooz 1985: 364; Gemminger & Harold 1892: 2688; Hagedorn 1910d: 73; Hamilton 1895a: 378; Hatch 1924; Henshaw 1882: 268, 1885: 147; Hopkins 1893a: 131, 1893b: 209; Hubbard & Schwarz 1878a: 665; Kleine 1913b: 140, 1914b: 391, 1934a:

161; Knull 1932: 1196–1203, 1934: 212; Leng 1920: 341; Leonard 1928: 519; Lindquist, O. H. & Syme 1981: 88; Morgan, A. V. & Morgan 1979; Schuder 1969: 80; Schwarz 1888a: 80, 1891: 65; Smith, J. B. 1890: 267, 1900: 362, 1910: 401; Swaine 1909: 137; Syme & Nystrom 1988: 84; Ulke 1902: 56; Wood, S. L. 1982b: 1034. **(tx)** Beal & Massey 1945: 136–137; Blackman 1919b: 140–142, 1922c, 1928b: 44, 48–49; Blatchley & Leng 1916: 629; Bright 1981d: 264, 366; Chamberlin 1939: 365; Dodge 1938: 15; Eichhoff 1878b: 202, 1896: 609–610; Hagedorn 1910a: 101; LeConte 1868: 157, 1876: 354, 1878: 665; Lindquist, O. H. & Syme 1981: 88; Pfeffer 1932b: 23; Swaine 1909: 137, 1918a: 95, 99; Syme & Nystrom 1988: 84; Thomas, J. B. 1957: 4, 1967; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1982b: 1034.

infans Eichhoff 1872a: 135. Holotype, sex?, Amer. Bor. (Civitat. unit.); Hamburg Museum, lost, neotype, ♀, Syracuse, New York [USA], USNM, Washington, designated by Bright 1978: 72.

Notes: (3) Blackman 1928b: 49 (redescribed). References: **(ds)** Gemminger & Harold 1872: 2688; Leng 1920: 341. **(tx)** Blackman 1928b: 49; Bright 1978: 72; Eichhoff 1872a: 135, 1878b: 187, 1896: 609–610; LeConte 1876: 355; Swaine 1909: 137.

pubescens (Marshall) 1802: 58 (*Ips*). Syntypes, sex?, not given, presumably England; not located, presumably in BMNH, London. Figures: Pfeffer 1989a: pl. 9.

Distribution: Africa (Algeria/ Egypt/ Libya/ Morocco/ Tunisia), Asia (Cyprus/ Israel), Europe (Austria/ Belgium/ Corsica/ Czechoslovakia/ Denmark/ England/ France/ Germany/ Greece/ Hungary/ Italy/ Netherlands/ Norway/ Sweden/ S Switzerland).

Hosts: *Abies cephalonica*, *Pinus halepensis*, *P. maritima*, *P. nigra*, *P. pinaster*, *P. pinea*, *P. radiata*, *P. sylvestris*, *P. uncinata*.

References: **(ay)** Feytaud 1950. **(bv)** Grune 1979: 117; Wichmann, H. E. 1967. **(cn)** Barbey 1925: 280; Browne 1968b: 565; Feytaud 1946, 1950a; Forbes 1910; Grandi 1951; Hanson 1937, 1940a; Joly 1976; Kailidis & Georgevits 1972. **(ec)** Elliot & Morley 1907; Halperin & Holzschuh 1984: 28; Heqvist 1963: 154; Kleine 1908c: 213, 1909a: 47, 78; Kraemer 1950b: 380; Nosek 1959a: 118; Pfeffer 1960: 346; Thompson, W. R. 1943: 91; Wichmann, H. E. 1967. **(hb)** Barbey 1925: 280; Browne 1968b: 565; Chararas 1962c: 363; Dallimore & Munro 1922; Feytaud 1946, 1950a; Gillanders 1908; Grandi 1951; Gyorfi 1957; Halperin & Holzschuh 1984: 28; Joly 1976; Kemner 1919: 175; Kraemer 1950b: 380; Lengerken 1939: 65, 1954: 85; Masutti 1964; Munro 1926: 63; Nosek 1959a: 118; Pfeffer 1941b: 3; Postner 1974: 435; Spessivtsev 1913a: 89, 1921b: 221;

Stark 1952: 352; Zocchi 1959: 105. **(ds)** Audras & Schaefer 1957; Bangsholt 1975: 95; Beaulne 1956; Bejer-Petersen & Jorum 1977: 26; Blandford 1891c; Brakman 1966b: 206; Browne 1968b: 565; Butovitsch 1963; Chararas 1962c: 363; Chrystal 1937; Dallimore & Munro 1922: 189–193; Eggers 1918; Endrodi 1958a, 1958b; Escherich 1932b; Everts 1925; Fowler 1891; Georgiou 1977: 75; Grune 1979: 117; Hagedorn 1910d: 75; Halperin & Holzschuh 1984: 28; Hanau 1919; Hansen, V. 1939, 1956, 1964: 464; Hellen 1947; Horion 1951; Jansson 1936: 220; Johnson & Halbert 1902: 819; Joly 1976; Kailidis & Georgevits 1972; Karpinski 1949: 125; Kemner 1919: 175; Klefbeck & Sjöberg 1960: 230; Kleine 1912a: 267, 1913a: 35, 1913b: 141, 1934a: 161; Kloft & Hinks 1945: 218; Leclercq 1971; Lucht 1987: 278; Mahler 1987: 232; Munro 1920: 1–35, 1921: 88; Pfeffer 1930b: 120, 1931b: 74, 1935: 158, 1947d: 126–127, 1947e: 12, 1960: 346, 1976: 340, 1984: 277, 1989a: 66; Pittioni 1943: 175; Postner 1974: 435; Reitter 1916: 298; Roubal 1941: 270; Sainte-Claire & Mequignon 1938: 447; Schaufuss 1915: 1243; Schedl 1964a, 1976c: 71, 1978e: 37, 1981b: 78; Schilsky 1909: 188; Stark 1927b: 90, 1952: 352; Stephens 1829a: 145, 1830: 357, 1839: 207; Tredl 1907: 14; Winter, T. G. 1983: 22; Zocchi 1959: 105. **(tx)** Balachowsky 1949a: 237; Blandford 1891c: 15–17; Duffy 1953; Eggers 1915b: 13–14, 1918: 181; Endrodi 1957b; Fleischer 1927; Gillanders 1908; Grune 1979: 117; Hagedorn 1910a: 101; Hansen, V. 1956, 1964: 464; Joly 1976; Karpinski 1949: 125; Lucht 1987: 278; Marshall 1802: 58; Olivier 1795b: 11; Pfeffer 1933: 3–54, 1940b: 108, 112, 119, 1941b: 3, 1947e: 12, 1955a: 217, 1976: 340, 1989a: pl. 9; Portevin 1935: 333; Postner 1974: 435; Reitter 1913a: 93, 1916: 298; Schedl 1934f: 1643, 1967f: 149, 1980a: 23, 1981b: 78; Sokanovskii 1954: 19; Spessivtsev 1913a: 89, 1922a: 488, 1922b: 221, 1925a: 182, 1926b: 50, 1929c: 298–303, 1931: 63; Stark 1952: 352; Stephens 1829a: 145, 1829b: 12, 1830: 357, 1839: 207. **(ms)** Eggers 1910a, 1910b; Escherich 1932b; Schimitschek 1930b: 407.

ramulorum Perris 1856: 191. Syntypes, sex?, Pyrenees, France; not given, presumably MNHN, Paris. Synonymy: Blandford 1891c: 15. References: **(ay)** Nusslin 1911a: 155. **(cn)** Packard 1890: 715; Pfeffer 1933: 43; Wachtl 1883b: 319, 1901: 381; Walsh 1867a: 103. **(ec)** Perris 1852: 504, 1856a: 191, 1862: 189; Pfeffer 1928b: 8, 1933: 43; Wichmann 1959: 413. **(hb)** Barbey 1901: 23, 75; Dombrowsky 1891, 1892; Everts 1903: 758; Henschel 1895a: 173; Nordlinger 1870a: 187; Packard 1890: 715; Perris 1852: 504, 1856a: 191; Peyerimhoff 1915: 61; Rupertsberger 1879: 231, 1880: 230; Wachtl 1901: 381. **(ds)** Acloque 1896; Barthe 1896; Bedel 1888b: 298, 414; Blanchere & Robert 1889; Brancsik 1871, 1906; Bucking

1932; Carpentier & Delaby 1908; Cecconi 1897; Eggers 1904; Everts 1922: 643; Favre 1890; Gozis 1875: 80; Grill 1895: 311; Henschel 1895a: 173; Heyden, Reitter, & Weise 1891: 672, 1906: 711; Kloft & Hinks 1945: 218; Lacordaire 1866: 381; Kunnemann 1921: 58; Mequignon 1936: 15; Micke 1915: 111; Perris 1876a: 255, 1877a: 415; Peyerimhoff 1915: 61, 1933b: 367; Pfeffer 1928b: 8; Ragusa 1924: 116; Reitter 1890b: 212, 1894a: 76; Sainte-Claire 1914: 472; Schilsky 1909: 188; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 442; Strauch 1861: 122; Wichmann 1910: 146, 1927: 72. (**tx**) Acloque 1896; Balachowsky 1949a: 237; Barbey 1901: 23, 75; Bedel 1888b: 298, 414; Bertolini 1872; Blandford 1891c: 15–17; Branscik 1871; Carpentier & Delaby 1908; Dombrowsky 1891, 1892; Eggers 1915b: 13–14; Eichhoff 1878b: 178, 1883a: 110, 134; Everts 1903: 758, 1922: 643; Favel 1889; Ferrari 1867a: 32, 1867b: 114; Henschel 1895a: 173; Lacordaire 1866: 381; Kuhnt 1913: 1056; Nordlinger 1870a: 187; Nusslin 1911a: 155; Perris 1856: 196, 1877a: 415; Reitter 1894a: 76, 1901: 101, 1913a: 93; Rupertsberger 1879: 231, 1880: 230; Schedl 1934f: 1643; Spessivtsev 1913: 89; Stierlin 1898: 442; Wichmann 1910a: 146. (**ms**) Eggers 1910b; Wichmann 1959: 413.

pubifrons Bright 1981d: 195. Holotype ♀; Parque Nacional Zoquiapan, Mexico, Mexico; CNCI, Ottawa.

Distribution: North America (Mexico in Mexico).

Hosts: *Pinus hartwegii*.

References: (**hb**) Atkinson et al. 1986: 40. (**ds**) Atkinson & Equihua 1985a: 95; Atkinson et al. 1986: 40; Bright 1981d: 195. (**tx**) Bright 1981d: 195.

pudens (Blackman) 1942a: 199 (*Pityophthoroides*).

Holotype ♀; Cayamas, Cuba; USNM, Washington.

Distribution: Antilles Islands (Cuba/ Dominican Republic in Hispanola/ Virgin Islands).

References: (**ds**) Blackwelder 1947: 782; Bright 1981c: 156, 1985c: 176. (**tx**) Blackman 1942a: 199; Bright 1985c: 176; Wood, S. L. 1977b: 207.

pudicus Blackman 1942a: 208. Holotype ♂; Guadalupe, Jalisco, Mexico; USNM, Washington.

Distribution: North America (Jalisco in Mexico).

Hosts: *Sambucus* sp.

References: (**ds**) Blackwelder 1947; Bright 1981d: 80. (**tx**) Blackman 1942a: 208–209; Bright 1981d: 80; Wood, S. L. 1982b: 1025.

pulchellus Eichhoff 1869a: 275. Holotype, sex?; America septentr.; Hamburg Museum, lost, neotype ♀; Marquette, Michigan [USA]; USNM, Washington, designated by Bright 1978: 73.

Figures: Bright 1981d: 350.

Distribution: North America (Alberta, British Columbia, Manitoba, New Brunswick, Ontario,

Quebec, Saskatchewan, Yukon in Canada/ District of Columbia, Florida, Indiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, New Jersey, New York, North Carolina, Pennsylvania, Texas, Virginia, West Virginia, Wisconsin in USA).

Hosts: *Pinus banksiana*, *P. palustris*, *P. resinosa*, *P. rigida*, *P. strobus*, *P. virginiana*.

Notes: (**3**) Blackman 1928b: 110 (redescribed). Bright 1981d: 153 (subspecies *tuberculatus* recognized). Wood 1982b: 1091 (treated this taxon as a species distinct from *tuberculatus*, although the hosts hybridize in part of Alberta; intergradation between the beetle species is almost, if not entirely, nonexistent).

References: (**ay**) Thomas, J. B. 1957: 4. (**cn**) Blackman 1950; Doane et al. 1936; Felt 1906: 752; Hopkins 1899c: 442; Lindquist, O. H. & Syme 1981: 88; Martin, J. L. 1964; Swaine 1918a: 97, 102; Syme & Nystrom 1988: 84; Thomas, J. B. 1958: 394. (**ec**) Bushing 1965: 464; Felt 1906: 752; Frederick, Sloan, & Skowron 1976; Heqvist 1959: 181; Reid 1957b: 7; Thomas, J. B. 1958: 394. (**hb**) Baker, W. L. 1972: 255; Beal & Massey 1945: 129; Blackman 1950; Chamberlin 1939: 389; Doane et al. 1936; Felt 1906: 752; Hopkins 1899c: 442; Swaine 1918a: 97, 102. (**ds**) Anonymous 1926c: 519; Baker, W. L. 1972: 255; Beal & Massey 1945: 129; Blackman 1950; Blatchley & Leng 1916: 632; Bright 1976d: 187, 1981d: 152; Chamberlin 1939: 389; Deyrup & Atkinson 1987b: 68; Dodge 1938; Drooz 1985: 364; Evans, D. 1983: 35; Gemminger & Harold 1872: 2689; Hagedorn 1910a: 73; Henshaw 1885: 147; Hopkins 1893c: 132; Kleine 1913b: 140, 1914b: 394, 1934a: 161; Knull 1932: 66; Leng 1920: 341; Leonard 1928: 519; Lindquist, O. H. & Syme 1981: 88; Swaine 1909: 138; Syme & Nystrom 1988: 84; Wood, S. L. 1982b: 1091. (**tx**) Beal & Massey 1945: 129; Blackman 1922c: 125–126, 1928b: 91, 110–111; Blatchley & Leng 1916: 632; Bright 1978: 73, 1981d: 152, 350; Chamberlin 1939: 389; Dodge 1938: 43, 45; Eichhoff 1869a: 275, 1878b: 181, 1896: 609–610; Evans, D. 1983: 35; Hagedorn 1910a: 101; LeConte 1876: 352, 435; Lindquist, O. H. & Syme 1981: 88; Swaine 1909: 138, 1918a: 97, 102; Syme & Nystrom 1988: 84; Thomas, J. B. 1957: 4; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1982b: 1091.

hirticeps LeConte 1878b: 623. Lectotype ♂; Marquette, Michigan [USA]; MCZ, Cambridge, designated by Bright 1976b: 185. Synonymy: Eichhoff 1896: 609.

References: (**ec**) Felt 1906: 751–752. (**hb**) Felt 1906: 752; Schwarz 1888a: 80. (**ds**) Chamberlin 1925; Henshaw 1885: 147; Hopkins 1893a: 131, 1893b: 209, 1899: 442; Hubbard & Schwarz 1878a: 665, 1878b: 623; Leng 1920: 341; Schwarz 1886: 41, 1888a: 80; Swaine 1909: 138, 1918a: 102; Ulke 1902: 56. (**tx**) Blackman 1922b: 125–126, 1928b: 110; Bright

- 1976b: 185; Eichhoff 1896: 609–610; LeConte 1875b: 623; Schwarz 1886: 41, 1888: 80; Swaine 1909: 138.
- pusio* LeConte 1878b: 623. Holotype ♂; Marquette, Michigan [USA]; MCZ, Cambridge. Synonymy: Blackman 1928b: 111. References: (**ds**) Blatchley & Leng 1916: 632; Hagedorn 1910d: 75; Henshaw 1882: 268, 1885: 147; Hubbard & Schwarz 1878a: 643, 665, 1878b: 623; Kleine 1913b: 141; Leng 1920: 341; Swaine 1909: 140. (**tx**) Blackman 1922b: 125–126, 1928b: 110; Blatchley & Leng 1916: 632; Hagedorn 1910a: 101; LeConte 1878b: 623; Swaine 1909: 140, 1918a: 102.
- pulicarius* (Zimmermann) 1868: 144 (*Crypturgus*). Lectotype, sex?, Lake Superior [USA]; MCZ, Cambridge. Figures: Bright 1981d: 85, 339. Distribution: Antilles Islands (Cuba), North America (Manitoba, New Brunswick, Nova Scotia, Ontario, Quebec, Saskatchewan in Canada/ Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Illinois, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Texas, Virginia, West Virginia, Wisconsin in USA). Hosts: *Pinus caribaea*, *P. echinata*, *P. palustris*, *P. resinosa*, *P. rigida*, *P. strobus*, *P. sylvestris*, *P. taeda*, *P. virginiana* twigs, uncommon in *Abies balsamea*, *Picea* spp. Notes: (3) Blackman 1928b: 101 (redescribed). References: (**bv**) Clark 1972. (**cn**) Anonymous 1962h, 1963r, 1965b; Baker, W. L. 1972: 255; Blackman 1950; Browne 1968b: 565; Clark 1972; Doane et al. 1936; Drooz 1985: 363; Felt 1906: 751, 1933b: 994–995, 1934: 195–200; Hoekstra, Merkel, & Powers 1961; Hopkins 1899c: 442; Kowal 1956a: 9; Lindquist, O. H. & Syme 1981: 88; Mason, G. N. & Jones 1969: 12; Merkel & Kowal 1956: 7; Ollieu & Mason 1968: 13; Perry & Wu 1957: 10; Smith, R. H. & Mergen 1959a: 864–865; Swaine 1918a: 95, 99; Syme & Nystrom 1988: 84; Yearian & Warren 1964. (**ec**) Felt 1906: 751; Hines, J. W. & Heikkinen 1977; Schwarz 1889a: 163; Thomas & Lindquist 1956: 2. (**hb**) Baker, W. L. 1972: 255; Beal & Massey 1945: 133–134; Blackman 1950; Browne 1968b: 565; Chamberlin 1939: 374; Clark 1972; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Felt 1906: 751; Hopkins 1899c: 442; Ostmark 1968; Swaine 1918a: 95, 99. (**ds**) Anonymous 1926c: 518, 1963r, 1965b; Beal & Massey 1945: 133–134; Beaulne 1956; Blackman 1950; Blatchley & Leng 1916: 629; Bright 1976d: 187, 1981d: 84, 1985c: 84; Browne 1968b: 565; Chamberlin 1925, 1939: 374; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66; Dodge 1938; Drooz 1985: 363; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 74; Henshaw 1885: 147; Kirk 1969, 1970; Kleine 1913b: 141, 1934a: 161; Knull 1932: 66, 212; Leng 1920: 341; Leonard 1928: 518; Lindquist, O. H. & Syme 1981: 88; Merkel & Kowal 1956: 7; Ostmark 1968; Proctor 1946: 208; Schuder 1969: 76; Schwarz 1878d: 468, 1889a: 163–164, 1890: 231; Smith, J. B. 1890: 267, 1900: 362, 1910: 401; Swaine 1909: 138; Syme & Nystrom 1988: 84; Ulke 1902: 56; Wood, S. L. 1982b: 1048; Yearian & Warren 1964: 262. (**tx**) Beal & Massey 1945: 133–134; Blackman 1922b: 101–103, 1928b: 59, 63–64; Blatchley & Leng 1916: 629; Bright 1976b: 187, 1981d: 84–85, 339, 1985c: 176; Britton 1920a; Chamberlin 1939: 374; Dodge 1938: 15, 43–44; Eichhoff 1878b: 195; Hagedorn 1910a: 101; LeConte 1868: 155, 157, 1876: 353, 1878a: 468; Lindquist, O. H. & Syme 1981: 88; Swaine 1909: 138, 1918a: 95, 99; Wood, S. L. 1977b: 210, 1982b: 1048; Zimmermann 1868: 144. (**ms**) Hoekstra, Merkel, & Powers 1961; Schuder 1969: 76.
- cubensis* Schedl 1972: 65. Holotype ♂; Cuba, Vinales, Prov. de Pinar del Rio; Schedl Collection in NHMW, Wien. Synonymy: Wood 1977b: 210. References: (**tx**) Schedl 1972: 65, 1979c: 71; Wood, S. L. 1977b: 210.
- pullus* (Zimmermann) 1868: 143 (*Crypturgus*). Holotype ♀; South Carolina [USA]; MCZ, Cambridge. Distribution: North America (District of Columbia, Florida, Illinois, Maryland, Massachusetts, Michigan, Mississippi, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Texas, West Virginia in USA). Hosts: *Pinus echinata*, *P. palustris*, *P. strobus*, *P. taeda*, *P. spp.* Notes: (1) LeConte 1876: 352 (to *Pityophthorus*). (3) LeConte 1868: 155 (cited in *Cryphalus*). Blackman 1928b: 118 (redescribed). References: (**cn**) Blackman 1950; Chamberlin 1924; Doane et al. 1936; Felt 1906: 751; Hopkins 1899c: 357, 442; Swaine 1918a: 98, 103. (**ec**) Felt 1906: 751. (**hb**) Beal & Massey 1945: 131; Blackman 1922b: 101, 105–106, 1950; Chamberlin 1939: 394; Doane et al. 1936; Felt 1906: 751; Hopkins 1899c: 357, 442–444; Schwarz 1888a: 80; Swaine 1918a: 98, 103. (**ds**) Anonymous 1926c: 519; Atkinson et al. 1991: 163; Beal & Massey 1945: 131; Blackman 1922b: 101, 105–106, 1950; Blatchley & Leng 1916: 636; Bright 1981d: 287; Chamberlin 1925, 1939: 394; Deyrup & Atkinson 1987b: 68; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 74; Henshaw 1885: 147; Hopkins 1893a: 129, 1893b: 208; Hubbard & Schwarz 1878: 643; Kirk 1969; Kleine 1913b: 141, 1914b: 391, 1934a: 161; Leng 1920: 341; Leonard 1928: 519; Schwarz 1887: 20, 1888a: 80, 1892: 168; Smith, J. B. 1890: 267, 1900: 362; Swaine

- 1909: 138; Townsend 1889: 235; Ulke 1902: 56; Wood, S. L. 1982b: 1105. **(tx)** Beal & Massey 1945: 131; Blackman 1922b: 101, 105–106, 1928b: 114–118; Blandford 1898c: 5; Blatchley & Leng 1916: 636; Bright 1976b: 187, 1981d: 287; Chamberlin 1939: 394; Eichhoff 1878b: 186; Hagedorn 1910a: 101; LeConte 1868: 155, 157, 1876: 352; Schwarz 1891a: 168; Swaine 1909: 138–139, 1918a: 98, 103; Wood, S. L. 1977d: 516, 1982b: 1105; Zimmermann 1868: 143. **(ms)** Eckstein 1900c.
- cribripennis* Eichhoff 1869a: 274. Holotype, sex?; America septentr.; Hamburg Museum, lost, neotype, sex?; Ripley, Mississippi [USA]; USNM, Washington, designated by Bright 1978: 72. Synonymy: Blackman 1928b: 119. References: **(ec)** Felt 1906: 752. **(hb)** Felt 1906: 751–752. **(ds)** Hopkins 1899: 437–442; Leng 1920: 341; Swaine 1909: 139. **(tx)** Blackman 1928b: 118; Bright 1978: 72; Eichhoff 1869a: 274, 1872b: 137, 1878b: 175, 1896: 609–610; LeConte 1876: 354; Swaine 1909: 139.
- bisulcatus* Eichhoff 1869a: 274. Holotype, sex?; America borealis; Hamburg Museum, lost. Synonymy: LeConte 1876: 352. References: **(bv)** Dixon & Payne 1979b. **(cn)** Hopkins 1899c: 443; Swaine 1918a: 98, 103. **(ec)** Cross & Moser 1971; Dixon & Payne 1979b; Moser, J. C., Cross, & Roton 1971. **(hb)** Blackman 1922b: 108–109; Chamberlin 1939: 400; Hopkins 1899c: 443; Swaine 1918a: 98, 103. **(ds)** Blackman 1922b: 108–109; Chamberlin 1925, 1939: 400; Kirk 1970; Leng 1920: 341; Swaine 1909: 139. **(tx)** Blackman 1922b: 102, 108–109, 1928b: 117, 138; Chamberlin 1939: 400; Eichhoff 1869a: 274, 1878b: 185; LeConte 1876: 352; Swaine 1909: 139, 1918a: 98, 103; Wood, S. L. 1977d: 516.
- punctatus* Eggers 1940a: 130. Holotype ♀; Guadeloupe (Trois Rivières); Eggers Collection, in NHMW, Wien. Distribution: Antilles Islands (Guadeloupe). References: **(cn)** Schuder 1969: 80. **(hb)** Bright 1981d: 287. **(ds)** Bright 1985c: 176; Schuder 1969: 80. **(tx)** Bright 1985c: 176; Eggers 1940a: 130; Schedl 1979c: 204.
- punctifrons* Bright 1966b: 298. Holotype ♀; Frazier Park, Kern Co., California [USA]; CAS, San Francisco. Distribution: North America (California, New Mexico in USA). Hosts: *Pinus edulis*, *P. monophylla*, *P. quadrifolia*. References: **(hb)** Bright & Stark 1973: 106. **(ds)** Bright 1981d: 143; Bright & Stark 1973: 106; Wood, S. L. 1982b: 1035. **(tx)** Bright 1966b: 298, 1981d: 143; de Ruelle 1970: 110; Wood, S. L. 1982b: 1035.
- punctiger* (Schedl) 1951m: 108 (*Neodryocoetes*). Holotype, sex?; Mexico, collected by Flohr; Schedl Collection in NHMW, Wien. Distribution: North America ("Mexico"). References: **(ds)** Wood, S. L. 1982b: 1030. **(tx)** Schedl 1951m: 108, 1979c: 205; Wood, S. L. 1982b: 1030.
- pygmaeolus* Schedl 1970e: 93. Holotype, sex?; Brasilien, Caioba, 45 50, 48 40, 10 m; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: **(tx)** Schedl 1970e: 93, 1979c: 207.
- quadrispinatus* Schedl 1966f: 110. Holotype ♂; published as Surinam, Moengo, type in Schedl Collection (♀) labeled Camopi-Oyapock, Guayane (dans nid d'*Atta*); Schedl Collection in NHMW, Wien. Distribution: South America (Suriname). References: **(ds)** Schedl 1966f: 79, 110, 1979c: 208.
- quercinus* Wood 1967d: 40. Holotype ♀; 5 km W El Salto, Durango, Mexico; Wood Collection. Distribution: North America (Durango, Michoacan, Oaxaca in Mexico/ W Texas in USA). Hosts: *Quercus* sp. bole. Notes: (3) Bright 1977: 515 (a synonym of *guatemalensis*). Wood 1982b: 1085 (a distinct species or a very distinct geographical race of *guatemalensis*). References: **(ds)** Wood, S. L. 1982b: 1085. **(tx)** Bright 1977: 515; de Ruelle 1970: 111; Wood, S. L. 1967d: 40–41, 1982b: 1085.
- ramiperda* Swaine 1917: 28. Holotype ♀; Ile Perrot, Quebec [Canada]; CNCI, Ottawa. Distribution: North America (Ontario, Quebec in Canada/ Maine, Massachusetts, Michigan, New York, Rhode Island, Vermont, Wisconsin in USA). Hosts: *Pinus resinosa*, *P. strobus*. References: **(cn)** Blackman 1950; Britton 1923: 369; Chamberlin 1924; Pettit 1928: 1–20; Randall 1941: 53, 1943: 53; Sterner & Davidson 1983: 37; Swaine 1918a: 94, 98. **(ec)** Bushing 1965: 462. **(hb)** Baker, W. L. 1972: 259; Blackman 1950; Bright 1981d: 207; Chamberlin 1939: 341; Swaine 1918a: 94, 98. **(ds)** Anonymous 1926c: 518; Baker, W. L. 1972: 259; Beaulne 1956; Blackman 1930; Bright 1976d: 168, 1981d: 207; Chamberlin 1939: 341; Drooz 1985: 364; Kleine 1934a: 161, 163; Leng 1920: 341; Leonard 1928: 518; Proctor 1946: 208; Wood, S. L. 1982b: 1044. **(tx)** Blackman 1928b: 16–17, 22–23; Bright 1967b: 678, 1976c: 426, 1976d: 168, 1981d: 207; Chamberlin 1939: 341; Dodge 1938: 41; Hoebeke 1978; de Ruelle 1970: 111; Swaine 1917: 28–29, 1918a: 94, 98, 1925b: 192; Wood, S. L. 1982b: 1044.
- fivasi* Blackman 1928b: 23 (*Myeloborus*). Holotype ♀; Cranberry Lake, New York [USA]; USNM, Washington. Synonymy: Bright 1976c: 426. References: **(cn)** Doane et al. 1936. **(hb)** Baker, W. L. 1972: 259; Blackman 1928b; Bright 1976d: 168; Chamberlin 1939: 341; Doane et

al. 1936. (**ds**) Baker, W. L. 1972: 259; Bright 1976d: 168; Chamberlin 1939: 341; Dodge 1938: 41–42; Leng & Mutchler 1933: 53. (**tx**) Blackman 1928b: 23; Bright 1976c: 426, 1976d: 168; Chamberlin 1939: 341; Dodge 1938: 41–42; Schedl 1938a: 161.

recens Bright 1976c: 438. Holotype ♀; Pine Pass, British Columbia [Canada]; CNCI, Ottawa. Distribution: North America (British Columbia, Yukon in Canada).

Hosts: *Picea glauca*, *P. engelmannii*.

References: (**ds**) Bright 1981d: 142; Wood, S. L. 1982b: 1061. (**tx**) Bright 1976c: 438, 1981d: 142; McNamara 1984: 757; Wood, S. L. 1982b: 1061.

regularis Blackman 1942a: 206. Holotype, sex?; Cayamas, Cuba; USNM, Washington. Distribution: Antilles Islands (Cuba). References: (**ds**) Blackwelder 1947: 782; Bright 1985c: 176. (**tx**) Blackman 1942a: 206; Bright 1985c: 176; Wood, S. L. 1964: 63.

robai (Blackman) 1942a: 200 (*Pityophthoroides*). Holotype ♀; Dept. Santander, Colombia, S. America, 700–1300 m; USNM, Washington. Figures: Blackman 1942a:fig. 28. Distribution: South America (Colombia). Hosts: *Psidium guajava*. Notes: (1) Wood 1977b: 207 (to *Pityophthorus*). References: (**ds**) Blackwelder 1947: 781. (**tx**) Blackman 1942a: 200; Wood, S. L. 1977b: 207.

roppae Schedl 1976a: 69. Holotype ♀; Linhares, E. Santo, Brasil; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (**tx**) Schedl 1976a: 69.

rossicus Eggers 1915b: 13. Holotype ♀; Russia: Tambow; Eggers Collection, in NHMW, Wien. Distribution: Europe (W USSR). References: (**hb**) Stark 1952: 352. (**ds**) Kleine 1934a: 161; Postner 1974: 437; Stark 1952: 352. (**tx**) Eggers 1915b: 13–14; Pfeffer 1940b: 108, 112, 120, 1979c: 213; Postner 1974: 437; Schedl 1934f: 1643; Spessitzsew 1926: 50; Stark 1952: 352.

rubidus Wood 1978b: 400. Holotype ♀; Madera Canyon, Santa Rita Mts., Arizona [USA]; Wood Collection. Distribution: North America (Durango in Mexico, Arizona in USA). Hosts: *Pinus cooperi*, *P. engelmannii*, *P. leiophylla*, *P. lumholtzi*, *P. ponderosa*. References: (**ds**) Bright 1981d: 301; Wood, S. L. 1982b: 1113. (**tx**) Bright 1981d: 301; Wood, S. L. 1978b: 400, 1982b: 1113.

rudis Blackman 1942a: 212. Holotype ♀; Amecameca, Distrito Federal, Mexico; USNM, Washington. Figures: Blackman 1942a:fig. 46. Distribution: North America (Distrito Federal in Mexico). Hosts: *Abies religiosa*, *Pinus* sp.

References: (**hb**) Atkinson et al. 1986: 40. (**ds**) Atkinson & Equihua 1985a: 95; Atkinson et al. 1986: 40; Blackwelder 1947: 782; Bright 1981d: 223; Wood, S. L. 1982b: 1058. (**tx**) Blackman 1942a: 212; Bright 1981d: 223; McNamara 1984: 757; Wood, S. L. 1982b: 1058.

sachalinensis Krivolutsкая 1956: 838. Holotype, sex?; Sakhalin: Kirovsk region, Tyn river basin, village of Argi-Pag; Institute of Zoology, Academy of Science, Vladivostok. Distribution: Asia (Sakhalin Island in USSR). References: (**hb**) Krivolutsкая 1956: 838. (**ds**) Krivolutsкая 1956: 838; Kurenzov 1967; Pfeffer 1976: 340. (**tx**) Krivolutsкая 1956: 838, 1958: 163; Pfeffer 1976: 340.

sambuci Blackman 1942a: 207. Holotype ♂; Jalisco, Mexico; USNM, Washington. Figures: Blackman 1942a:fig. 38, Bright 1981d: 337.

Distribution: North America (Jalisco in Mexico). Hosts: *Sambucus* sp.

References: (**ds**) Blackwelder 1947: 782; Bright 1981d: 58; Wood, S. L. 1982b: 1132. (**tx**) Blackman 1942a: 207; Bright 1981d: 58, 337; McNamara 1984: 757; Wood, S. L. 1982b: 1132.

sapineus Bright 1981d: 194. Holotype ♀; Atenquique, Jalisco, Mexico; CNCI, Ottawa. Figures: Bright 1981d: 357. Distribution: North America (Jalisco in Mexico). Hosts: *Pinus* sp. References: (**ds**) Atkinson & Equihua 1985c: 360, 1988: 98; Wood, S. L. 1982b: 1056. (**tx**) Bright 1981d: 194, 357; Wood, S. L. 1982b: 1056.

scabridus Schedl 1955g: 24. Lectotype ♀; Quezaltenango, Guatemala; Schedl Collection in NHMW, Wien, designated by Bright 1976b: 186. Figures: Bright 1981d: 365. Distribution: North America (El Salvador/ Guatemala/ Honduras/ Chiapas, Jalisco, Mexico, Michoacan, Morelos, Nayarit, Oaxaca, Veracruz in Mexico).

Hosts: *Pinus ayacahuite*, *P. caribaea*, *P. montezumae*, *P. oocarpa*, *P. patula*, *P. pseudostrobus*, *P. rudis*.

References: (**hb**) Atkinson et al. 1986: 40; Bright 1981d: 257; Burgos & Saucedo 1983: 117; Schwerdtfeger 1957: 502. (**ds**) Atkinson & Equihua 1985a: 96, 1985c: 360, 1988: 98; Atkinson et al. 1986: 40; Bright 1981d: 257; Burgos & Saucedo 1983: 117; Schedl 1963c: 158, 1977e: 42; Wood, S. L. 1982b: 1050. (**tx**) Bright 1976b: 186, 1981d: 257, 365; Schedl 1955g: 18, 24, 1979c: 220; Wood, S. L. 1982b: 1050.

scalptor Blackman 1928b: 30. Holotype ♀; Julian, California [USA]; USNM, Washington. Distribution: North America (British Columbia in Canada/ California, Idaho, Oregon in USA). Hosts: *Pinus contorta*, *P. coulteri*, *P. jeffreyi*, *P. ponderosa*.

- References: **(bv)** Moeck, Wood, & Lindahl 1981. **(cn)** Lindgren 1980: 69. **(hb)** Bright & Stark 1973: 105; Furniss, M. M. & Johnson 1987: 377; Lindgren 1980: 69. **(ds)** Bright 1981d: 135; Bright & Stark 1973: 105; Chamberlin 1939: 357; Furniss, M. M. & Johnson 1987: 377; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 152; Wood, S. L. 1982b: 1051. **(tx)** Blackman 1928b: 30; Bright 1981d: 135; Chamberlin 1939: 357; Hopping 1960a: 867; Keen 1929a: 32; de Ruelle 1970: 111; Wood, S. L. 1982b: 1051.
- scalptus** Bright 1978: 82. Holotype ♀; Aspen Grove, British Columbia [Canada]; CNCI, Ottawa.
Distribution: North America (British Columbia in Canada/ Colorado, Montana in USA).
Hosts: *Pinus ponderosa*.
References: **(ds)** Bright 1981d: 127; Wood, S. L. 1982b: 1052. **(tx)** Bright 1978: 82, 1981d: 127; Gast et al. 1989: 385; McNamara 1984: 757; Wood, S. L. 1982b: 1052.
- schrenkianae** Pjatkitskii 1931: 171. Lectotype, sex?; Kirgisien, USSR; Pjatkitskii Collection, not located, designated by Michalski 1969a: 895.
Distribution: Asia (E USSR).
Hosts: *Picea schrenkianae*.
References: **(ec)** Kostin 1964: 112. **(hb)** Kostin 1960: 133; Stark 1952: 347. **(ds)** Kleine 1934a: 161; Marikovskii 1956: 73; Parfentev 1951: 429–430; Stark 1952: 347. **(tx)** Michalski 1969a: 895, 1969b: 569; Pfeffer 1940b: 107, 110, 116; Pjatkitskii 1931: 171; Schedl 1934f: 1643, 1979c: 222; Sokanovskii 1954: 19; Stark 1952: 347.
- schwarzi** Blackman 1928b: 71. Holotype ♀; Las Vegas H.S. [Hot Springs], New Mexico [USA]; USNM, Washington.
Figures: Bright 1981d: 368.
Distribution: North America (Coahuila, Durango, Hidalgo, Nuevo Leon, Queretaro, Tlaxcala in Mexico/ Arizona, New Mexico, W Texas, Utah, Wyoming in USA).
Hosts: *Pinus cembroides*, *P. edulis*, *P. greggii*, *P. leiophylla*, *P. lungholtzii*, *P. montezuma*, *P. ponderosa*, *P. teocote*.
References: **(hb)** Chamberlin 1939: 377. **(ds)** Atkinson & Equihua 1988: 98; Bright 1981d: 273; Chamberlin 1939: 377; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1080. **(tx)** Blackman 1928b: 71–72; Bright 1981d: 273, 368; Chamberlin 1939: 377; Keen 1929a: 32; de Ruelle 1970: 111; Wood, S. L. 1982b: 1080.
- schwerdtfegeri** (Schedl) 1955g: 28 (*Conophthorus*). Lectotype ♂; Guatemala: Strasse Quezaltenango-Huehuetenango, Rancho Alegre; Schedl Collection in NHMW, Wien, designated by Bright 1976b: 187.
Figures: Bright 1981d: 340.
Distribution: North America (Guatemala/ Honduras/ Chiapas, Durango, Mexico, Nuevo Leon in Mexico/ Arizona, Nevada, W Texas in USA).
Hosts: *Pinus engelmannii*, *P. oocarpa*, *P. ponderosa*, *P. pseudostrobus*.
References: **(cn)** Cibrian-Tovar et al. 1986: 47. **(hb)** Atkinson & Equihua 1985c: 359; Atkinson et al. 1986: 41; Bright 1981d: 88; Burgos & Saucedo 1983: 116; Schwerdtfeger 1957c: 506. **(ds)** Atkinson & Equihua 1985c: 359, 1988: 98; Atkinson et al. 1986: 41; Bright 1981d: 88; Burgos & Saucedo 1983: 116; Cibrian-Tovar et al. 1986: 47; Rio Mora 1985: 13; Wood, S. L. 1982b: 1047. **(tx)** Bright 1976b: 187, 1981d: 88, 340; Rio Mora 1985: 13; Schedl 1955g: 18, 28, 1963c: 163, 1979c: 222; Wood, S. L. 1966b: 28, 1982b: 1047.
- islasi** Wood 1962: 80. Holotype ♀; Temascaltepec, Mexico, Mexico: Wood Collection.
Synonymy: Wood 1966b: 28.
References: **(tx)** Schedl 1979c: 128; Wood, S. L. 1962: 80, 1966b: 28.
- islasi** Schedl 1963c: 163 (*Conophthocranulus*). Holotype ♀; Temascaltepec, Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 28.
References: **(tx)** Schedl 1963c: 163, 1979c: 128; Wood, S. L. 1966b: 28.
- scitulus** Wood 1976a: 359. Holotype ♀; Volcan Chiriqui [near Cerro Punta], Chiriqui, Panama; Wood Collection.
Distribution: North America (Costa Rica/ Panama).
Hosts: *Quercus* sp. limb.
References: **(ds)** Bright 1981d: 104; Wood, S. L. 1982b: 1083. **(tx)** Bright 1981d: 104; McNamara 1984: 757; Wood, S. L. 1976a: 359, 1982b: 1083.
- scriptor** Blackman 1921: 7. Lectotype ♀; Agricultural College [Starkville], Mississippi [USA]; USNM, Washington, designated by Bright 1976b: 184.
Figures: Blackman 1922b: pl. 1, fig. 6.
Distribution: North America (Georgia, Mississippi, North Carolina, Oklahoma, Tennessee, Texas in USA).
Hosts: *Rhus typhina*.
References: **(cn)** Anonymous 1977f, 1978v; Blackman 1950. **(hb)** Baker, W. L. 1972: 255; Beal & Massey 1945: 127–128; Blackman 1922b: 106–107, 1950; Chamberlin 1939: 401. **(ds)** Anonymous 1977f, 1978v; Beal & Massey 1945: 127–128; Blackman 1922b: 106–107, 1950; Bright 1981b: 8; Chamberlin 1939: 401; Deyrup 1981b: 8; Drooz 1985: 363; Kleine 1934a: 161; Leng & Mutchler 1927: 52; Wood, S. L. 1982b: 1118. **(tx)** Beal & Massey 1945: 127–128; Blackman 1921: 7–8, 1922b: 106–107, 1928b: 114, 142; Bright 1976b: 184, 1981d: 39; Chamberlin 1939: 401; de Ruelle 1970: 111; Wood, S. L. 1982b: 1118.
- segnis** Blackman 1928b: 52. Holotype ♀; Santa Catalina Mts., Arizona [USA]; USNM, Washington.
Figures: Bright 1981d: 358.

- Distribution: North America (Durango in Mexico/ Arizona, New Mexico in USA).
 Hosts: *Pinus engelmannii*, *P. strobiformis* twigs.
 Notes: (3) Bright 1981d: 199 (recognized subspecies *subopacus*); Wood 1982b: 1036 (intergrades with *subopacus*).
 References: (hb) Atkinson et al. 1986: 41; Chamberlin 1939: 366. (ds) Atkinson & Equihua 1985a: 95; Atkinson et al. 1986: 40; Bright 1981d: 198; Chamberlin 1939: 366; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1036. (tx) Blackman 1928b: 44, 52–53; Bright 1981d: 198–199; Chamberlin 1939: 366; Keen 1929a: 32; McNamara 1984: 757; Wood, S. L. 1982b: 1036.
- seirguensis** Murayama 1963c: 393. Holotype, sex?; Seiryu, South Manchuria; Murayama Collection in USNM, Washington.
 Distribution: Asia (Manchuria).
 Hosts: *Pinus tabulaeformis*.
 References: (tx) Murayama 1963c: 393.
- separatus** Bright 1977: 529. Holotype ♂; Poinsett State Park, South Carolina [USA]; Wood Collection.
 Distribution: North America (South Carolina in USA).
 Hosts: (?) *Pinus* sp. (probably in twigs of living trees).
 References: (ds) Bright 1981d: 203; Wood, S. L. 1982b: 1042. (tx) Bright 1977: 529, 1981d: 203; Wood, S. L. 1982b: 1042.
- serratus** Swaine 1918a: 103. Holotype ♂; Barkhouse Creek, Siskiyou Co., California [USA]; CNCI, Ottawa.
 Distribution: North America (S British Columbia in Canada/ California, N Idaho in USA).
 Hosts: *Pinus ponderosa*.
 References: (cn) Keen 1929: 53; Swaine 1918a: 98, 103. (hb) Bright & Stark 1973: 115; Chamberlin 1939: 395, 1958: 157; Keen 1929: 53; Swaine 1918a: 98, 103. (ds) Bright 1981d: 304; Bright & Stark 1973: 115; Chamberlin 1939: 395, 1958: 157; Hopping 1922; Keen 1929a: 33, 1929c: 53; Kleine 1934a: 161; Leng 1920: 341; Wood, S. L. 1972a: 427, 1982b: 1106. (tx) Blackman 1928b: 115, 122; Bright 1967b: 678, 1981d: 304; Chamberlin 1939: 395, 1958: 157; Keen 1929a: 33; de Ruelle 1970: 111; Swaine 1918a: 98, 103; Wood, S. L. 1972a: 427, 1982b: 1106.
- setifer** Browne 1965a: 193. Holotype, sex?; Ivory Coast: Adiopodoune; RNH, Leiden.
 Distribution: Africa (Ghana/ Ivory Coast).
 References: (ds) Schedl 1972e: 282. (tx) Browne 1965a: 193.
- setosus** Blackman 1928b: 77. Holotype ♀; Monterey, California [USA]; USNM, Washington.
 Figures: Bright 1981d: 361.
 Distribution: North America (California in USA).
 Hosts: *Pinus radiata*, 1 series from *P. muricata*.
 References: (ec) Kinn 1971. (hb) Bright & Stark 1973: 109; Chamberlin 1939: 378. (ds) Bright 1981d: 222; Bright & Stark 1973: 109; Chamberlin 1939: 378; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1073. (tx) Blackman 1928b: 62, 77–78; Bright 1981d: 222, 361; Chamberlin 1939: 378; Keen 1929a: 32; de Ruelle 1970: 111; Schedl 1931b: 166; Wood, S. L. 1982b: 1073.
- sextuberculatus** Eggers 1933b: 6. Holotype, sex?; Franz, Guayana (Nouveau Chantier: Bas-Maroni); MNHN, Paris.
 Distribution: South America (Cayenne).
 References: (ds) Blackwelder 1947: 782. (tx) Eggers 1933b: 6–7.
- sichotensis** Kurenzov 1941a: 175. Holotype, sex?; Ussuri, USSR; Kurenzov Collection in IBN, Novosibirsk.
 Distribution: Asia (USSR).
 Hosts: *Picea ajanensis*.
 References: (hb) Krivolutskaia 1956: 838; Kurenzov 1948b: 111; Stark 1952: 358. (ds) Krivolutskaia 1956: 838; Pfeffer 1976: 340; Sokanovskii 1960; Stark 1952: 358. (tx) Krivolutskaia 1956: 838; Kurenzov 1941a: 175, 1948b: 111; Michalski 1969b: 570; Pfeffer 1976: 340; Sokanovskii 1960: 675; Stark 1952: 358.
- sierrensis** Bright 1971b: 64. Holotype ♀; 1 mile S Onion Valley, Inyo Co., California [USA]; CNCI, Ottawa.
 Figures: Bright 1981d: 365.
 Distribution: North America (British Columbia in Canada/ California, Colorado, Nevada, Wyoming in USA).
 Hosts: *Pinus albicaulis*, *P. aristata*, *P. balfouriana*, *P. flexilis*.
 References: (hb) Bright & Stark 1973: 110. (ds) Bright 1981d: 259; Bright & Stark 1973: 110. (tx) Bright 1971b: 64–65, 1981d: 259, 365; McNamara 1977: 198; Wood, S. L. 1982b: 1063.
- signatifrons** Browne 1975a: 758. Holotype ♂; Tanzania: Mts. Uluguru, Kimboza, 600 m; MRCB, Tervuren.
 Distribution: Africa (Tanzania).
 References: (tx) Browne 1975a: 758.
- similis** Eichhoff 1869a: 275. Syntypes, sex?; Venezuela; Hamburg Museum, lost.
 Distribution: South America (Venezuela).
 References: (ds) Gemminger & Harold 1872: 2689; Kleine 1913b: 141, 1914b: 339. (tx) Eggers 1933b: 3; Eichhoff 1869a: 275, 1878b: 182; Hagedorn 1905a: 412.
- sinopae** Schedl 1976a: 69. Holotype, sex?; Sinop, M. Grosso, Brasil; Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil).
 References: (tx) Schedl 1976a: 69.
- sobrinus** Wood 1976a: 357. Holotype ♀; 3 km SE Cartago, Cartago, Costa Rica, 1300 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Liana.

References: **(ds)** Bright 1981d: 46; Wood, S. L. 1982b: 1140. **(tx)** Bright 1981d: 46; McNamara 1984: 758; Wood, S. L. 1976a: 357, 1982b: 1140.

solatus Wood 1977b: 215. Holotype ♀; 81 km NW Oaxaca, Oaxaca, Mexico; CNCI, Ottawa.

Distribution: North America (Oaxaca in Mexico).

Hosts: *Pinus lawsonii*, *P. spp.*

References: **(ds)** Bright 1981d: 327; Wood, S. L. 1982b: 1108. **(tx)** Bright 1981d: 327; Wood, S. L. 1977b: 215, 1982b: 1108.

solers Blackman 1928b: 138. Holotype ♀; Cloudcroft, New Mexico [USA]; USNM, Washington.

Figures: Bright 1981d: 375.

Distribution: North America (Chihuahua, Nuevo Leon in Mexico/ Arizona, New Mexico, Utah in USA).

Hosts: *Abies concolor* twigs, uncommon in *A. lasiocarpa*, *A. magnifica*, *A. religiosa*, *Pseudotsuga menziesii*, *Pinus sp.*

References: **(hb)** Chamberlin 1939: 401. **(ds)** Bright 1981d: 325; Chamberlin 1939: 401; Keen 1929a: 34; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1108. **(tx)** Blackman 1928b: 117, 138–140; Bright 1981d: 325, 374; Chamberlin 1939: 401; Keen 1929a: 34; de Ruette 1970: 111; Schedl 1930: 197; Wood, S. L. 1982b: 1108.

solus Blackman 1928b: 64. Holotype ♂?; Pinal Mountains, Arizona [USA]; USNM, Washington. Figures: Blackman 1981d: 348.

Distribution: North America (Chiapas, Distrito Federal, Durango, Hidalgo, Mexico, Oaxaca, Puebla, Queretaro, Tlaxcala in Mexico/ Arizona, New Mexico in USA).

Hosts: *Pinus ayacahuite*, *P. edulis*, *P. greggii*, *P. hartwegii*, *P. lawsonii*, *P. leiophylla*, *P. montezumae*, *P. oocarpa*, *P. spp.*

References: **(hb)** Atkinson et al. 1986: 41; Burgos & Saucedo 1983: 116; Chamberlin 1939: 375. **(ds)** Atkinson & Equihua 1985a: 94, 1985c: 360; Atkinson et al. 1986: 41; Bright 1981d: 140; Burgos & Saucedo 1984: 116; Chamberlin 1939: 375; Leng & Mutchler 1933: 52; Schedl 1960a: 75; Wood, S. L. 1982b: 1148. **(tx)** Blackman 1928b: 64; Bright 1977: 518, 1981d: 140, 348; Chamberlin 1939: 375; Wood, S. L. 1982b: 1048.

cribratus Blackman 1942a: 216. Holotype ♀; Mexico, D.F., Mexico; USNM, Washington, preoccupied by Pfeffer 1940. Synonymy: Bright 1977: 518.

References: **(ds)** Blackwelder 1947: 781. **(tx)** Blackman 1942a: 216; Bright 1977: 518; McNamara 1984: 755; Wood, S. L. 1982b: 1048.

spadix Blackman 1942a: 219. Holotype ♀; Rio Frio, Puebla, Mexico; USNM, Washington.

Distribution: North America (Chihuahua,

Durango, Hidalgo, Mexico, Michoacan, Puebla, Oaxaca, Veracruz in Mexico).

Hosts: *Pinus leiophylla*, *P. pseudostrobus*, *P. spp.*

References: **(ds)** Atkinson & Equihua 1985a: 97, 1985c: 360; Blackwelder 1947: 782; Bright 1981d: 300; Wood, S. L. 1982b: 1112. **(tx)** Blackman 1942a: 219; Bright 1981d: 300; McNamara 1984: 758; Wood, S. L. 1982b: 1112.

sparsepilosus (Schedl) 1935h: 343 (*Gnathophorus*).

Syntypes ♀; Hamburgfarm on Rio Reventazon, Limon, Costa Rica; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica).

Hosts: (?) *Protium* sp. limbs.

Notes: (1) Wood 1975b: 391 (to *Pityophthorus*).

References: **(ds)** Blackwelder 1947: 782; Wood, S. L. 1982b: 1135. **(tx)** Bright 1981d: 18; Schedl 1935h: 343, 1979c: 233; Wood, S. L. 1975b: 391, 1982b: 1135.

speciosus Wood 1977b: 215. Holotype ♀; 24 km S Valle Nacional, Oaxaca, Mexico, 1300 m; CNCI, Ottawa.

Distribution: North America (Oaxaca in Mexico).

References: **(ds)** Bright 1981d: 49; Wood, S. L. 1982b: 1129. **(tx)** Bright 1981d: 49; Wood, S. L. 1977b: 215, 1982b: 1129.

speculum Bright 1976c: 440. Holotype ♀; Cerro Potosi, Nuevo Leon, Mexico, 3600 m; CNCI, Ottawa.

Figures: Bright 1981d: 345.

Distribution: North America (Hidalgo, Nuevo Leon in Mexico).

Hosts: *Abies* sp., *Pseudotsuga menziesii*.

References: **(hb)** Atkinson & Equihua 1985a: 93, 1985c: 350; Bright 1981d: 126. **(ds)** Atkinson & Equihua 1985a: 93, 1985c: 360, 1988: 98; Bright 1976c: 440, 1981d: 126; Wood, S. L. 1982b: 1072. **(tx)** Bright 1976c: 440, 1981d: 126, 345; McNamara 1984: 758; Wood, S. L. 1982b: 1072.

strictus Wood 1976a: 354. Holotype ♀; Santa Ana, San Jose, Costa Rica; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: *Rheedia edulis*.

References: **(ds)** Bright 1981d: 77; Wood, S. L. 1982b: 1124. **(tx)** Bright 1981d: 77; Wood, S. L. 1976a: 354, 1982b: 1124.

subconcentralis Schedl 1938a: 183. Lectotype, sex?; Trois Rivières, Guadeloupe, Dufour; USNM, Washington, designated by Anderson & Anderson 1971: 32.

Distribution: Antilles Islands (Guadeloupe).

References: **(ds)** Blackwelder 1947: 782; Bright 1985c: 176. **(tx)** Anderson, W. H. & Anderson 1971: 32; Bright 1985c: 176; Eggers 1941a: 108, 1951: 150; Schedl 1938a: 183, 1964m: 317, 1979c: 240.

- subcristatus** Schedl 1937h: 168. Holotype ♀; Costa Rica. Hamburgfarm, Reventazon, Ebene Limon; Schedl Collection in NHMW, Wien. Figures: Blackman 1942a: 226. Distribution: North America (Costa Rica/ Nicaragua/ Panama). Hosts: (?) *Protium* sp. limbs. Notes: (3) Bright 1977: 513 (to *Gnatholeptus*). Wood 1982b: 1143 (cited in *Gnatholeptus*). References: (ds) Blackwelder 1947: 782. (tx) Bright 1977: 513, 1981d: 17; Schedl 1937h: 168, 1938a: 183, 1979c: 241; Wood, S. L. 1979b: 135. *zeteki* Blackman 1942a: 226. Holotype ♀; Trinidad River, Panama; USNM, Washington. Synonymy: Bright 1977: 513. References: (ds) Blackwelder 1947: 782. (tx) Blackman 1942a: 226; Bright 1977: 513; Wood, S. L. 1979b: 135.
- subopacus** Blackman 1942a: 210. Holotype ♂?; Chalco, Mexico, Mexico; USNM, Washington. Figures: Blackman 1942a: figs. 41–42. Distribution: North America (Durango, Mexico, Michoacan, Nuevo Leon, Oaxaca, Puebla, Tlaxcala, Veracruz in Mexico). Hosts: *Pinus cenbroides*, *P. leiophylla*, *P. michoacana*, *P. montezumae*, *Pinus* spp. Notes: (3) Bright 1981d: 198 (treated as a subspecies of *segnis*). Wood 1982: 1086 (intergrades with *segnis*). References: (ds) Blackwelder 1947: 782; Bright 1981d: 198; Rio Mora 1985: 11; Thomas, J. B. 1966; Wood, S. L. 1982b: 1086. (tx) Blackman 1942a: 210; Bright 1981d: 198; Rio Mora 1985: 11; Wood, S. L. 1982b: 1086.
- elimatus** Bright 1976c: 432. Holotype ♀; 85 km NW Oaxaca, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1982b: 1086. References: (ds) Atkinson & Equihua 1988: 96; Bright 1981d: 196, 1986b: 683; Wood, S. L. 1982b: 1086. (tx) Bright 1976c: 432, 1981d: 196; McNamara 1984: 755; Wood, S. L. 1982b: 1086.
- subsimilans** Wood 1989: 179. Holotype, sex?; Brasilien, Rio Caraguata, Matto Grosso; Schedl Collection in NHMW, Wien, automatic. Distribution: South America (Brazil). References: (tx) Wood, S. L. 1989: 179.
- subsimilis** Schedl 1966f: 104 (*Breviophthorus*). Holotype, sex?; Brasilien, Rio Caraguata, Matto Grosso; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1955. References: (cn) Schwerdtfeger 1956b: 48. (hb) Atkinson et al. 1986: 41; Bright 1981d: 301; Schwerdtfeger 1956b: 48, 1957c: 504. (ds) Atkinson et al. 1986: 41; Bright 1981d: 301; Schedl 1966f: 85, 1973d: 155; Wood, S. L. 1982b: 1136. (tx) Bright 1976b: 187, 1981d: 301, 345; Schedl 1955g: 25, 1966f: 104, 1979c: 244; Wood, S. L. 1977b: 210, 1982b: 1136, 1989: 179.
- subsimilis** Schedl 1955g: 25. Lectotype ♂; G. Ciudad [Guatemala City], Guatemala; Schedl Collection in NHMW, Wien, designated by Bright 1976b: 187. Figures: Bright 1981d: 371. Distribution: North America (Guatemala/ Chiapas, Oaxaca, Puebla in Mexico). Hosts: *Pinus strobus* var. *chiapensis*, *P. tenuifolia*, *P.* sp. References: (hb) Schwerdtfeger 1957: 504. (tx) Bright 1976b: 187, 1981d: 301, 371; Schedl 1955g: 18, 25, 1979c: 244.
- subimpressus** Bright 1976c: 441. Holotype ♀; 51 km S Valle Nacional, Oaxaca, Oaxaca; CNCI, Ottawa. Synonymy: Wood 1977b: 210, 1982b: 1136. Notes: (3) Bright 1981d: 303 (treated as a good species). Wood 1982b: 1136 (this is only one of several minor variations of *subsimilis*). References: (ds) Bright 1981d: 303. (tx) Bright 1976c: 441, 1981d: 303, 371; McNamara 1984: 758; Wood, S. L. 1977b: 210.
- subsulcatus** (Schedl) 1963d: 223 (*Breviophthorus*). Holotype, sex?; Brasilien: Parana, Rondon; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) Schedl 1963d: 223, 1979c: 244.
- surinamensis** Schedl 1961i: 226. Holotype ♀; Surinam, Moengo, Boven, Cottica R.; Cornell University Collection, Ithaca, New York. Distribution: South America (Suriname). References: (ds) Schedl 1960a: 78. (tx) Hoebeke 1978; Schedl 1961i: 226, 1964b: 206, 1979c: 247.
- suspicious** Bright 1972d: 89. Holotype ♀; Blue Mountain Peak, Jamaica, 7400 [feet]; CNCI, Ottawa. Figures: Bright 1972: 75. Distribution: Antilles Islands (Jamaica). References: (ds) Bright 1985c: 176. (tx) Bright 1972: 75, 1972d: 89, 1985c: 176; McNamara 1984: 198.
- suturalis** Eggers 1932d: 291. Holotype, sex?; Congostaat (Haut-Uele; Yebo Moto); MRCB, Tervuren. Distribution: Africa (Ghana/ Zaire). Hosts: *Bussea occidentalis*. References: (ds) Browne 1965a: 188; Schedl 1962h: 59, 1962j: 20. (tx) Eggers 1932d: 291; Schedl 1938a: 183, 1962j: 20; 1962k: 1080.
- tenax** Wood 1976a: 354. Holotype ♀; Volcan Pacaya, Esquintla, Guatemala, 1300 m; Wood Collection. Distribution: North America (Guatemala). Hosts: Tree branch. References: (ds) Bright 1981d: 74; Wood, S. L. 1982b: 1123. (tx) Bright 1981d: 74; Wood, S. L. 1976a: 354, 1982b: 1123.

- terebrans** Schedl 1970i: 223. Holotype, sex?; Brasilien, Amazonas; Schedl Collection in NHMW, Wien, automatic.
Distribution: South America (Brazil).
References: (tx) Schedl 1970i: 223.
- granulipennis** Schedl 1966f: 111. Holotype, sex?; Brasilien, Amazonas; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1965.
References: (ds) Schedl 1966f: 87. (tx) Schedl 1966f: 111, 1970i: 123, 1977b: 112, 1979c: 112.
- granulicauda** Schedl 1979c: 112. Holotype, sex?; Brasilien, Amazonas; Schedl Collection in NHMW, Wien, automatic.
Notes: (1) Because a synonym was available, this is an unneeded replacement name.
References: (tx) Schedl 1979c: 112.
- thamnus** Bright 1985a: 470. Holotype ♀; Mexico: Pachuca, Edo. Hidalgo; CNCI, Ottawa.
Distribution: North America (Hidalgo in Mexico).
Hosts: *Aluzaanina angusta*.
References: (tx) Bright 1985a: 470.
- thomasi** Bright 1976c: 443. Holotype ♀; 17 km SW El Salto, Durango, Mexico, 2600 m; CNCI, Ottawa.
Distribution: North America (Durango in Mexico).
Hosts: *Pinus cooperi*.
References: (ds) Bright 1981d: 122; Wood, S. L. 1982b: 1031. (tx) Bright 1976c: 443, 1981d: 122; McNamara 1984: 758; Wood, S. L. 1982b: 1031.
- timidulus** Wood 1975b: 396. Holotype ♂; Volcan Chiriqui [near Cerro Punta], Chiriqui, Panama; Wood Collection.
Distribution: North America (Panama).
Hosts: Small tree (? *Oreopanax nubigenus*).
References: (ds) Bright 1981d: 96; Wood, S. L. 1982b: 1028. (tx) Bright 1981d: 96; McNamara 1984: 758; Wood, S. L. 1975b: 396, 1982b: 1028.
- timidus** Blandford 1904: 241. Holotype ♀; Mexico (Salle Coll.); BMNH, London.
Distribution: North America ("Mexico").
Notes: (3) Wood 1982b: 1138 (*dimidiatus* Blackman may be a junior synonym).
References: (ds) Blackwelder 1947: 782; Ferrer 1942; Hagedorn 1910d: 75; Kleine 1913b: 141, 1914b: 351; Wood, S. L. 1982b: 1138. (tx) Blandford 1904: 241; Bright 1981d: 328; Hagedorn 1910a: 101; Schedl 1930: 196, 1940a: 348; Wood, S. L. 1982b: 1138.
- togonus** Eggers 1920: 35. Syntypes, sex?; Kete Kratie in Togo; 4 syntypes in MNB, Berlin, 2 in Eggers Collection, in NHMW, Wien.
Distribution: Africa (Ghana/ Togo/ Zaïre).
Hosts: *Carapa grandiflora*, *C. procera*, *Khaya ivorensis*, *Parinari holstii*.
Notes: (1) Schedl 1979: 253 (citation of holotype invalid).
References: (ec) Schedl 1958d: 188. (hb) Schedl 1962j: 21. (ds) Schedl 1962j: 21. (tx) Eggers 1920: 35, 1932d: 291; Schedl 1938a: 183, 1954e: 47, 1962j: 21, 1962k: 1080, 1979c: 253.
- toralis** Wood 1964: 59. Holotype ♀; Beaver Creek, Logan Canyon, Utah [USA]; Wood Collection.
Figures: Bright 1981d: 346.
Distribution: North America (Alberta, British Columbia in Canada/ California, Idaho, Oregon, Utah, Wyoming in USA).
Hosts: *Pinus albicaulis*, *P. flexilis*, *P. monticola*, rare in *P. contorta*.
References: (cn) Lindgren 1980a: 69. (hb) Bright & Stark 1973: 105; Lindgren 1980a: 69. (ds) Bright 1976d: 184, 1981d: 133; Bright & Stark 1973: 105; Wood, S. L. 1982b: 1054. (tx) Bright 1977: 518, 1981d: 133, 346; McNamara 1977: 198; Wood, S. L. 1964: 59, 1982b: 1054.
- confusus** Bright 1966b: 295 (*Myeloborus*). Holotype ♀; Mt. Tallac, Eldorado Co., California [USA]; OSUC, Columbus, preoccupied by Blandford 1904. Synonymy: Bright & Stark 1973: 105.
References: (tx) Bright 1966b: 295, 1977: 518; Bright & Stark 1973: 105.
- collinus** Bright 1968c: 605. Holotype ♀; Terrace Mt., 25 km W Nahun, Osoyoos District, British Columbia [Canada]; CNCI, Ottawa. Synonymy: Bright 1977: 518.
References: (ds) Bright 1976d: 181. (tx) Bright 1968c: 605–606, 1976d: 181, 1977: 518; de Ruelle 1970: 108.
- torridus** Wood 1972d: 76. Holotype ♀; 10 km W High Rolls, Lincoln National Forest, New Mexico, 2000 m [USA]; Wood Collection.
Distribution: North America (New Mexico in USA).
Hosts: *Franseria* sp., probably *deltoidea*.
References: (ds) Bright 1981d: 43; Wood, S. L. 1982b: 1117. (tx) Bright 1981d: 43; Wood, S. L. 1972d: 76, 1982b: 1117.
- tragardhi** Spessivtsev 1921a: 219. Syntypes, sex?; Hallnas im Norrland (Nord-Schweden); Spessivtsev Collection, not located.
Distribution: Asia (E USSR), Europe (Finland/ Norway/ Poland/ Sweden/ W USSR).
Hosts: *Picea abies*, *P. excelsa*, *P. obovata*.
References: (bv) Grune 1979: 121; Kangas 1980a; Kinelski 1958: 74. (cn) Esterberg 1959; Juutinen 1960: 8; Kangas 1980a; Kontkanen 1932: 61; Kozikowsky 1929: 253; Wardle 1929: 322. (ec) Kangas 1946b: 23; Karpinski 1932a: 103; Lundberg 1984; Nuorteva 1971; Saalas 1937: 154; Tragardh 1925a: 171. (hb) Karpinski 1933b: 30, 1955: 79; Karpinski & Postner 1974: 435; Stark 1952: 355; Strawinski 1948: 156; Spessivtsev 1921b: 219, 1923: 206, 1925d: 104, 1928a: 221; Stark 1952: 355. (ds) Bakke & Kvamme 1977; Butovitsch & Heqvist 1947; Esterberg 1959; Florov 1949: 97; Grune 1979: 121; Hansen, V. 1939; Hellen 1947; Horion 1951; Karpinski 1931: 18, 28, 1932a: 103, 290, 1933b: 30, 1948b: 231, 1955: 79; Karpinski & Strawinski 1948: 156;

- Kinelski 1958: 74; Klefbeck & Sjöberg 1960: 230; Kleine 1934a: 161; Kontkanen 1932: 611; Krivolutskaya 1983; Kurenzov 1967; Lindberg & Saris 1952: 59; Lundberg 1981: 151; Nunberg 1938: 126, 1954: 71, 1960b: 158–159; Nuorteva 1971: 67; Pfeffer 1935: 158, 1976: 340; Postner 1974: 435; Stark 1931a: 26, 1931d: 548, 1952: 355; Yanovskii & Tegshzhargal 1985: 410; Zinovjev 1955: 187. **(tx)** Grune 1979: 121; Jansson 1936: 220; Karpinski & Strawinski 1948: 156; Nunberg 1938: 126, 1954: 71; Pfeffer 1927: 111–112, 1940b: 109, 112, 121, 1955a: 21, 1976: 340; Postner 1974: 435; Schedl 1934f: 1643; Sokanovskii 1929: 670–672, 1960: 677; Spessivtsev 1921a: 219–223, 1922a: 448, 488, 491, 1923: 206, 1925a: 183, 1925b: 27, 1925d: 104, 1926b: 50, 1929c: 298–303, 1931a: 65; Stark 1952: 355. **(ms)** Kozi-kowsky 1929: 253.
- treculiae** Schedl 1962k: 1080. Holotype ♂: Congo; Stanleyville; Schedl Collection in NHMW, Wien. Distribution: Africa (Zaire). Hosts: *Treculia africana*. References: **(hb)** Schedl 1962j: 22. **(ds)** Schedl 1962j: 22. **(tx)** Schedl 1962j: 22, 1962k: 1080, 1979c: 255.
- trepidus** Bright 1978: 83. Holotype ♀; Ukiah, California [USA]; USNM, Washington. Distribution: North America (California in USA). Hosts: *Pinus radiata*. References: **(ds)** Bright 1981d: 208; Wood, S. L. 1982b: 1041. **(tx)** Bright 1978: 83, 1981d: 208; McNamara 1984: 758; Wood, S. L. 1982b: 1041.
- trunculus** Bright 1985a: 470. Holotype ♀; Mexico: Estacion de Biologia, Chamela, Edo. Jalisco; CNCI, Ottawa. Distribution: North America (Jalisco in Mexico). References: **(tx)** Bright 1985a: 470.
- tuberculatus** Eichhoff 1878b: 498. Holotype, sex?; California [USA]; Hamburg Museum, lost, neotype ♀; Black Hills, South Dakota [USA]; USNM, Washington, designated by Bright 1978: 72. Figures: Kusch 1967: 10. Distribution: North America (Alaska/ Alberta, British Columbia in Canada/ Baja California Norte, Coahuila, Durango, Nuevo Leon in Mexico/ Arizona, California, Colorado, Idaho, Montana, Nebraska, Nevada, New Mexico, Oregon, South Dakota, W Texas, Utah, Washington, Wyoming in USA). Hosts: *Pinus aristata*, *P. attenuata*, *P. cembroides*, *P. contorta*, *P. coulteri*, *P. edulis*, *P. flexilis*, *P. jeffreyi*, *P. monophylla*, *P. ponderosa*, *P. sabiniana*, *P. strobiformis*, rare in *Picea engelmannii*, *P. pungens*. Notes: (1) Schedl 1979c: 258 (invalid neotype designation). (3) Blackman 1928b: 92 (redescribed), p. 94 (aberration named as var. *australis*, nomen nudum, no status). Bright 1981d: 153 (treated as a subspecies of *pulehellus* on basis of host hybridization; however, there is little or no intergradation between beetle populations). References: **(cn)** Blackman 1931c; Doane et al. 1936; Felt 1906: 753; Hopkins 1899: 443; Keen 1929: 53; Lindgren 1980a: 69; Ruppel 1967: 78; Schuder 1969: 77; Swaine 1918a: 96, 99. **(ec)** Blackman 1931c; Powell, J. M., Wong, & Melvin 1972: 15. **(hb)** Blackman 1931c; Bright & Stark 1973: 112; Chamberlin 1939: 384, 1958: 153; Doane et al. 1936; Keen 1929: 53; Lindgren 1980a: 69; Swaine 1918a: 96, 99. **(ds)** Atkinson & Equihua 1985c: 360, 1988: 98; Blatchley & Leng 1916: 635; Bright 1976d: 184, 1981d: 152; Bright & Stark 1973: 112; Chamberlin 1925, 1939: 384, 1958: 153; Elias 1982a, 1982b, 1983; Evans, D., Lowe, & Hunt 1978; Gast et al. 1989: 385; Hopkins 1893a: 132, 1893b: 209; Hopping 1922; Keen 1929: 53, 1929a: 33; Kleine 1913b: 141, 1914b: 391, 1934a: 161; Kusch 1967; Leng 1920: 341; McComb et al. 1953: 2; Patterson & Hatch 1945: 153; Ruppel 1967: 78; Schuder 1969: 77; Smith, G. S. 1930; Still, Tidsbury, & Melvin 1974a: 14; Swaine 1909: 140; Wood, S. L. 1948: 53, 1951a: 128, 1972a: 426, 1982b: 1092. **(tx)** Blackman 1928b: 92–94; Blatchley & Leng 1916: 635; Bright 1971b: 67–68, 1978: 73, 1981d: 152; Chamberlin 1939: 384, 1958: 153; Eichhoff 1878a: 388, 1878b: 498; Hagedorn 1910a: 101; Keen 1929a: 33; Kusch 1967: 10; Swaine 1909: 140, 1918a: 96, 99–102, 1925b: 193; Wood, S. L. 1951a: 128, 1972a: 426, 1982b: 1092.
- rugicollis** Swaine 1925b: 193. Holotype ♀; Glen Alpine, California [USA]; CNCI, Ottawa. Synonymy: Bright 1971b: 67. References: **(ds)** Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 93–94; Bright 1967b: 678, 1971b: 67; de Ruette 1970: 111; Swaine 1925b: 193–194.
- tumidus** Blackman 1928b: 58. Holotype ♀; Eureka, California [USA]; USNM, Washington. Distribution: North America (N California in USA). References: **(hb)** Bright & Stark 1973: 108; Chamberlin 1939: 369. **(ds)** Bright 1981d: 229; Bright & Stark 1973: 108; Chamberlin 1939: 369; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1063. **(tx)** Blackman 1928b: 58; Bright 1981d: 229; Chamberlin 1939: 369; Wood, S. L. 1982b: 1063.
- turbiculus** Schedl 1938a: 187. Holotype, sex?; Brasilien; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: **(ds)** Blackwelder 1947: 782. **(tx)** Schedl 1938a: 187, 1966f: 86, 1979c: 259.
- tutulus** Bright 1986a: 643. Holotype ♀; Mexico: Jalapa, Veracruz; CNCI, Ottawa. Distribution: North America (Veracruz in Mexico). Hosts: *Rhus radicans*. References: **(tx)** Bright 1986a: 643.
- vegrandis** Bright 1986a: 643. Holotype ♀; Mexico: Chetumal, Quintana Roo; CNCI, Ottawa.

- Distribution: North America (Quintana Roo in Mexico).
References: **(tx)** Bright 1986a: 643.
- venezuelensis** Schedl 1935d: 91. Holotype ♂: Venezuela; Schedl Collection in NHMW, Wien.
Distribution: South America (Venezuela).
References: **(ds)** Blackwelder 1947: 782; Bright 1981d: 233; Wood, S. L. 1982b: 1059. **(tx)** Bright 1977: 518, 1981d: 233; de Ruelle 1970: 112; Schedl 1935d: 91, 1938a: 183, 1952k: 161, 1979c: 265; Wood, S. L. 1982b: 1059.
- venustus** Blackman 1928b: 75. Holotype ♀; Kaibab National Forest, Arizona [USA]; USNM, Washington.
Figures: Bright 1981d: 362.
Distribution: North America (British Columbia in Canada/ Arizona, California, Colorado, Idaho, Nebraska, New Mexico, South Dakota, Texas, Utah in USA).
Hosts: *Pinus aristata*, *P. contorta*, *P. coulteri*, *P. jeffreyi*, *P. leiophylla*, *P. monticola*, *P. ponderosa*, *P. strobiformis*.
References: **(hb)** Chamberlin 1939: 377, 1958: 152. **(ds)** Chamberlin 1939: 377, 1958: 152; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 75; Bright 1977: 518, 1981d: 362; Chamberlin 1939: 377, 1958: 152; Keen 1929a: 32.
- artifex** Blackman 1928b: 76. Holotype ♀; Meyers, California [USA]; USNM, Washington. Synonymy: Bright 1977: 518.
References: **(hb)** Bright & Stark 1973: 110; Chamberlin 1939: 378. **(ds)** Bright & Stark 1973: 110; Chamberlin 1939: 378; Keen 1929a: 32; Kleine 1934a: 158; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 76; Bright 1977: 518; Chamberlin 1939: 378; Keen 1929a: 32; McNamara 1984: 754.
- vesculus** Wood 1978b: 401. Holotype ♀; Ft. Clayton, Canal Zone, Panama; Wood Collection.
Distribution: North America (Panama).
Hosts: Log phloem.
References: **(ds)** Bright 1981d: 35; Wood, S. L. 1982b: 1135. **(tx)** Bright 1981d: 35; Wood, S. L. 1978b: 401, 1982b: 1135.
- vespertinus** Bright 1978: 83. Holotype ♀; 37 km W Durango, Durango, Mexico; Wood Collection.
Distribution: North America (Durango in Mexico).
Hosts: *Pinus* sp.
References: **(ds)** Atkinson & Equihua 1988: 100; Bright 1981d: 119, 1986: 684; Wood, S. L. 1982b: 1058. **(tx)** Bright 1978: 83, 1981d: 119; McNamara 1984: 758; Wood, S. L. 1982b: 1058.
- viminalis** Bright 1977: 530. Holotype ♀; Cerro Potosi, Nuevo Leon, Mexico; CNCI, Ottawa.
Distribution: North America (Nuevo Leon in Mexico).
Hosts: *Pinus culminicola*.
References: **(ds)** Bright 1981d: 173; Wood, S. L. 1982b: 1096. **(tx)** Bright 1977: 530, 1981d: 173; McNamara 1984: 758; Wood, S. L. 1982b: 1096.
- virilis** Blackman 1928b: 143. Holotype ♀; Vermego, New Mexico [USA]; USNM, Washington.
Figures: Bright 1981d: 37, 335.
Distribution: North America (Chihuahua in Mexico/ Arizona, Colorado, S Idaho, Missouri, New Mexico, Texas, Utah, Wyoming in USA).
Hosts: *Rhus trilobata*.
References: **(hb)** Chamberlin 1939: 402, 1958: 160. **(ds)** Bright 1981d: 36; Chamberlin 1939: 402, 1958: 160; Deyrup 1961b: 8; Kleine 1934a: 162; Leng & Mutchler 1933: 52; Wood, S. L. 1948: 55, 1951a: 128, 1960b: 69, 1972a: 427, 1982b: 1119. **(tx)** Blackman 1928b: 143, 1942a: 223; Bright 1977: 518, 1981d: 36–37, 335; Chamberlin 1939: 402, 1958: 160; de Ruelle 1970: 112; Wood, S. L. 1951a: 128, 1960b: 69, 1972a: 427; 1982b: 1119.
- fortis** Blackman 1928b: 142. Holotype ♀; Montell, Texas [USA]; USNM, Washington. Synonymy: Bright 1977: 518.
References: **(hb)** Chamberlin 1939: 402. **(ds)** Chamberlin 1939: 402; Kleine 1934a: 159; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 142, 1942a: 223; Bright 1977: 518; Chamberlin 1939: 402; de Ruelle 1970: 109.
- virtus** Schedl 1938a: 186. Holotype ♀; Venezuela; Schedl Collection in NHMW, Wien.
Distribution: South America (Venezuela).
References: **(ds)** Blackwelder 1947: 782. **(tx)** Schedl 1938a: 186, 1979c: 268.
- volvulus** Schedl 1965f: 10. Holotype, sex?; D. Ost Afrika, Usambara Kwai; Schedl Collection in NHMW, Wien.
Distribution: Africa (Kenya/ Tanzania/ Uganda).
Hosts: *Acacia* sp.
References: **(ds)** Schedl 1962j: 23. **(tx)** Schedl 1962j: 23, 1965f: 10, 1979c: 268.
- vyrdaghi** Nunberg 1973: 13. Holotype ♂; Congo Belge, Parc National Virunga; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: **(tx)** Nunberg 1973: 13.
- woodi** Bright 1977: 531. Holotype ♀; 11.5 km W Kingston, New Mexico [USA]; CNCI, Ottawa.
Distribution: North America (New Mexico in USA).
Hosts: *Pinus edulis* twigs.
References: **(ds)** Bright 1981d: 109; Wood, S. L. 1982b: 1039. **(tx)** Bright 1977: 531, 1981d: 109; McNamara 1984: 758; Wood, S. L. 1982b: 1039.
- zexmenivora** Bright 1985a: 471. Holotype ♀; Mexico: Pachuca, Edo. Hidalgo; CNCI, Ottawa.
Distribution: North America (Hidalgo in Mexico).
Hosts: *Zexmenia* sp.
References: **(tx)** Bright 1985a: 471.
- zonalis** Bright 1976c: 443. Holotype ♀; Jerome, Arizona [USA]; USNM, Washington.
Distribution: North America (Nuevo Leon in Mexico/ Arizona in USA).

Hosts: *Pinus cembroides*, *P. ponderosa*.

References: (**ds**) Bright 1981d: 299; Wood, S. L. 1982b: 1111. (**tx**) Bright 1976c: 443, 1981d: 299; Wood, S. L. 1982b: 1111.

Corthylini: Corthylini

Corthyli

References: LeConte 1876: 346–347.

Corthylini

References: Wood, S. L. 1978a: 115, 1982b: 73, 1986a: 94, 98–100.

Gnathotrichina

References: Balachowsky 1949a: 241; Schedl 1958k: 144.

Genus *Gnathotrichus* Eichhoff

GNATHOTRICHUS EICHHOFF 1869a: 275. Type-species: *Gnathotrichus corthyloides* Eichhoff = *Tomicus materiarius* Fitch, monobasic.

Gnathotrichoides Blackman 1931b: 267. Type-species: *Cryphalus sulcatus* LeConte, subsequent designation by Wood 1982b: 1155. Synonymy: Wood 1982b: 1155.

References: (**tx**) Blackman 1931b: 267; Wood, S. L. 1982b: 1155.

Ancyloderes Blackman 1938a: 205. Type-species: *Cryphalus pilosus* LeConte, original designation. Synonymy: Wood 1973c: 172.

References: (**hb**) Bright & Stark 1973: 116. (**ds**) Bright & Stark 1973: 116. (**tx**) Blackman 1938a: 205–206; Schedl 1950i: 146; Wood, S. L. 1966b: 18, 1973c: 172.

Paraxyleborus Hoffmann 1942: 72. Type-species: *Xyleborus duprezi* Hoffmann = *Tomicus materiarius* Fitch, monobasic. Synonymy: Balachowsky 1949a: 241.

References: (**tx**) Balachowsky 1949a: 241; Hoffmann 1942: 72, 1947: 47.

Prognathotrichus Bright 1972c: 1678. Type-species: *Prognathotrichus primus* Bright, original designation. Synonymy: Wood 1973c: 172.

References: (**tx**) Bright 1972c: 1678; Wood, S. L. 1973c: 172.

Keys: Blackman 1931b: 266, Wood 1982b: 1156.

Notes: (1) Blackman 1931b (revision), Wood 1982b: 1155 (revision).

References: (**ay**) Browne 1961d: 49; Nobuchi 1969a: 67; Schedl 1931a: 1–88. (**bv**) Chapman, J. A. 1957: 3–4, 1962b: 88; Chapman, J. A. & Kinghorn 1958: 368; Moeck 1970b: 993; Vite 1975b, 1976. (**cn**) Drake 1921: 201–205; Hagle et al. 1987: 39; Johnson 1958a: 508–511, 1958b: 238; Kinghorn 1961; Snyder 1927: 1–46; Swaine 1913: 87–92. (**hb**) Bright & Stark 1973: 117; Schedl 1981b: 79; Wood, S. L. 1982b: 1155, 1986a: 98. (**ds**) Bright & Stark 1973: 117; Patterson & Hatch 1945: 152; Richmond 1953: 86–89; Schedl 1981b: 79; Swaine 1909: 108; Wood, S. L. 1982b: 1155, 1986a: 98. (**tx**) Arnett 1960: 1045,

1968: 1045; Balachowsky 1949a: 241; Beal & Massey 1945: 60, 120; Blackman 1922b: 98, 1928: 6–16, 1931b: 264–276, 1942a: 178; Blandford 1904: 246; Bright 1976d: 174; Bright & Stark 1973: 117; Chamberlin 1939: 325–332, 1958: 137–140; Dodge 1938: 18; Eichhoff 1869a: 275, 1878b: 405; Hoffmann 1947: 47; LeConte 1876: 350; LeConte & Horn 1883: 517; Schedl 1935h: 342, 1938a: 158–168, 1939h: 45–48, 1951m: 125, 1955g: 4, 1958k: 144, 1981b: 79; Swaine 1918a: 45, 90–91; Wood, S. L. 1961: 48, 1967d: 37–57, 1973c: 172, 1982b: 1155–1166, 1986a: 98–99.

alniphagus Wood 1984: 115. Holotype ♀; Fierro del Toro, Morelos, Mexico; Wood Collection.

Distribution: North America (Morelos in Mexico).

Hosts: *Alnus firmifolia*.

References: (**hb**) Atkinson et al. 1986: 47. (**ds**) Atkinson & Equihua 1985a: 100; Atkinson et al. 1986: 47. (**tx**) Wood, S. L. 1984: 115.

consentaneus Blandford 1904: 247. Lectotype ♂; Totonicipan, Guatemala; BMNH, London, designated by Wood 1973c: 176.

Distribution: North America (Guatemala/ Chiapas in Mexico).

References: (**ds**) Blackwelder 1947: 782; Ferrer 1942; Hagedorn 1910d: 96; Kleine 1913b: 158, 1914b: 354. (**tx**) Blackman 1931b: 266; Blandford 1904: 247; Hagedorn 1910a: 147; Hopkins 1905b: 73; Schedl 1940a: 348, 1955g: 29, 1979c: 64; Wood, S. L. 1973c: 176.

deleoni Blackman 1942a: 227. Holotype ♂; Chalco, Distrito Federal, Mexico; USNM, Washington.

Distribution: North America (Distrito Federal, Durango, Mexico, Tlaxcala in Mexico).

Hosts: *Pinus leiophylla*, *P. montezumae*, *P. spp.*

Notes: (3) Breeds in shaded-out limbs 7 cm in diameter or larger of living trees.

References: (**hb**) Atkinson et al. 1986: 47; Burgos & Saucedo 1983: 129; Wood, S. L. 1982b: 1161. (**ds**) Atkinson & Equihua 1985a: 99, 1988: 90; Atkinson et al. 1986: 47; Blackwelder 1947: 782; Burgos & Saucedo 1983: 99; Dominguez & Carrillo 1976: 141; Wood, S. L. 1982b: 1161. (**tx**) Blackman 1942a: 227; Wood, S. L. 1967d: 47, 1982b: 1161.

dentatus Wood 1967d: 45. Holotype ♀; 29 km W El Salto, Durango, Mexico; Wood Collection.

Figures: Wood 1967d: 46, 1982b: 1219 (declivity). Distribution: North America (Durango, Michoacan in Mexico).

Hosts: *Quercus* sp.

References: (**hb**) Atkinson et al. 1986: 47; Burgos & Saucedo 1983: 128. (**ds**) Atkinson & Equihua 1985a: 98; Atkinson et al. 1986: 47; Burgos & Saucedo 1983: 128; Wood, S. L. 1982b: 1158. (**tx**) de Ruelle 1970: 101; Wood, S. L. 1967d: 45–46, 1982b: 1158.

denticulatus Blackman 1931b: 270. Holotype ♀; Cloudcroft, New Mexico [USA]; USNM, Washington.

Distribution: North America (Chihuahua, Distrito Federal, Durango, Cuerrero, Michoacan, Puebla, San Luis Potosi in Mexico/ Arizona, Colorado, SE Montana, New Mexico, South Dakota, W Texas, E Utah in USA).

Hosts: *Pinus ponderosa*, *P. strobiformis*, *P. spp.*, rare in *Abies concolor*; *Picea engelmannii*.

References: (cn) Blackman 1931c: 35–36; Chamberlin 1939: 328–329; Keen 1938: 146; Schuder 1969: 74. (ec) Blackman 1931c: 35–36; Chamberlin 1939: 328–329; Keen 1938: 146; Massey 1961: 358. (hb) Blackman 1931c: 35–36; Chamberlin 1939: 328–329; Keen 1938: 146; Wood, S. L. 1982b: 1163. (ds) Atkinson & Equihua 1985c: 361; Chamberlin 1939: 328–329; Furniss, R. L. & Carolin 1977: 382; Gast et al. 1989: 384; Keen 1938: 146; Leng & Mutchler 1933: 94; Schuder 1969: 74; Snow 1883: 44, 1906: 175, 1907: 188; Wood, S. L. 1982b: 1163. (tx) Blackman 1931b: 270; Chamberlin 1939: 328–329; Hoffmann 1947; Wood, S. L. 1982b: 1163.

imitans Wood 1967d: 48. Holotype ♂; 5 km W El Salto, Durango, Mexico; Wood Collection.

Distribution: North America (Durango, Hidalgo, Mexico in Mexico/ Arizona, New Mexico in USA).

Hosts: *Pinus ponderosa*, *P. sp.*

References: (hb) Wood, S. L. 1982b: 1164. (ds) Furniss, R. L. & Carolin 1977: 382; Wood, S. L. 1982b: 1164. (tx) de Ruelle 1970: 101; Wood, S. L. 1967d: 48–49, 1982b: 1164.

materiaris (Fitch) 1858: 726 (*Tomicus*). Holotype ♀; New York [USA]; USNM, Washington.

Figures: Balachowsky 1949a: 231, 243, Blackman 1922b: pl. 9, fig. 49, Brakman 1966b: 52, Bright 1976d: 204, 213, Dillon & Dillon 1961: 801, Goyer et al. 1980: 21, Joly 1976b: 148, Postner 1974: 438.

Distribution: Antilles Islands (Dominican Republic), Europe (introduced: France/ Germany/ Netherlands), North America (New Brunswick, Nova Scotia, Ontario, Quebec in Canada/ Alabama, Arkansas, District of Columbia, Florida, Georgia, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Carolina, Oklahoma, Pennsylvania, South Carolina, South Dakota, E Texas, Virginia, Vermont, West Virginia, Wisconsin in USA).

Hosts: *Pinus echinata*, *P. ponderosa*, *P. strobus*, *P. taeda*, *Picea spp.*, *Larix sp.*, *Abies sp.*, *Tsuga sp.*

Notes: (3) Blackman 1931b: 268 (redescribed). References: (ay) Hopkins 1894g; Kaston 1936: 645; Schedl 1931a: 6–11; Thomas, J. B. 1957: 3, 1967. (bv) Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 268; Barr, B. A. 1969: 641; Clemens 1916; Dixon & Payne 1979b; Grune 1979: 123;

Luitjes 1976; Turnbow & Franklin 1980. (cn) Anonymous 1962m; Balch 1945; Beal et al. 1952; Becker, W. D. 1955d, 1959b: 173–174, 1962, 1964c, 1966c; Becker, W. D. & Abbott 1956: 664–666, 1960: 46–47, 1961: 367, 1966; Blackman 1950; Chamberlin 1924, 1939: 327–328; Clemens 1916: 297; Connola et al. 1956: 1–36; Currie 1905: 70; Doane et al. 1936; Doom 1963: 420–423, 1967c; Felt 1901: 495–496, 1926: 247–248, 276, 1930a: 247–248, 276; Felt & Rankin 1932: 408; Fisher, Thompson, & Webb 1953, 1954b: 3–15; Fitch 1858; Garman 1905: 69; Gause 1968: 454–456; Grandi 1951; Herrick 1935: 138; Hopkins 1894: 277, 1899c: 383, 434, 442, 1902c: 14, 1904a: 15; Hubbard 1897b: 30; Jablokoff 1953: 325; Joly 1976; Packard 1890: 718–720; Pierson 1927: 110; Rodary 1959: 850; Smith, J. B. 1901b: 92; Snyder 1927: 7; Swaine 1918a: 91; Swaine & Craighead 1924: 1–27. (ec) Batra 1963a: 481–487, 1963b: 216; Batra & Michie 1963: 477; Chamberlin 1939: 327–328; Dixon & Payne 1979b; Felt 1906: 371; Hines, J. W. & Heikkinen 1977; Hirschmann & Wisniewski 1982, 1983; Hurlbutt 1967; Luitjes 1976; Morley 1939: 244; Ogaz Ituarte & Cibrian 1980; Rodary 1959: 850; Roeper & French 1981; Rumbold 1931c: 849; Steinhaus 1946: 404; Tomalak, Welch, & Galloway 1989b: 27; Wichmann 1955a: 93, 103; Woodring & Moser 1970. (hb) Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 268; Batra 1963b: 221; Beal & Massey 1945: 120–121; Blackman 1919a, 1950; Blandford 1894b; Chamberlin 1939: 327–328; Chittenden 1890, 1899a; Clemens 1916; Doane et al. 1936; Drooz 1985: 372; Felt 1906: 371, 1926: 247–248, 276, 1930a: 247–248, 276; Felt & Rankin 1932: 408; Fitch 1858; Grandi 1951; Herrick 1935: 138; Hopkins 1894g, 1899c: 383, 442, 1904a: 15; Hubbard 1897b: 30; Joly 1968: 508–511, 1976; Luitjes 1976; Morley 1939: 244; Ogaz Ituarte & Cibrian 1980; Ostmark 1968; Packard 1890: 718; Pierce, W. D. 1907: 290; Pierson 1927: 110; Postner 1974: 437; Schwarz 1888a: 80; Skinner 1905: 248; Swaine 1911b: 85, 1918a: 91; Wolcott & Montgomery 1933: 165; Wood, S. L. 1982b: 1160. (ds) Anonymous 1926c: 518, 1962m; Atkinson et al. 1991: 162; Bain 1974: 15; Baker, W. L. 1972: 268; Balachowsky 1949b; Beal & Massey 1945: 120–121; Beaulne 1956; Blackman 1950; Blandford 1894b; Blatchley & Leng 1916: 643; Brakman 1966a: 51, 1966b: 207; Bright 1976d: 176, 1985c: 176; Chamberlin 1925, 1939: 327–328; Chittenden 1890, 1899a: 55–61; Cockerell et al. 1907; Currie 1905; DeLeon 1942a; Deyrup 1981: 8; Dodge 1938; Doom 1967c: 143; Drooz 1985: 372; Fall & Cockerell 1907: 217; Felt 1906: 370, 1924: 276, 1926: 247–248, 276, 1930a: 247–248, 276; Felt & Rankin 1932: 408; Gauss 1968; Gemminger & Harold 1872: 2688; Click 1939: 37; Grune 1979: 123; Hagedorn 1910d: 96; Hamilton 1895a: 346, 378; Harde 1967; Henshaw 1885: 147;

- Hoffmann 1956: 91; Hopkins 1893a: 128, 1893b: 205, 1902c: 14; Houghton 1905; Howden & Vogt 1951; Hubbard & Schwarz 1875a: 665; Jablonskoff 1953: 325; Joly 1968, 1976; Kamp 1979; Kirk 1970; Kleine 1913b: 158, 1914b: 393, 1934a: 171; Leng 1920: 340; Leonard 1928: 518; Lucht 1987: 278; MacGillivray, A. & Houghton 1902; Menier 1972; Morgan, Anne, Morgan, & Elias 1985: 1821; Ostmark 1968; Postner 1974: 437; Proctor 1946: 207; Provancher 1877: 566; Rodary 1959: 550; Saint-Albin 1949: 2; Schedl 1966d: 118, 1981b: 79; Schiender 1985; Schiender & Niedersaechs 1985; Schwarz 1878d: 468, 1886: 40, 44, 1888a: 80; Smith, J. B. 1910: 401; Swaine 1909: 108, 1911b: 85; Turnbow & Franklin 1980; Ulke 1902: 56; Wichmann 1955a: 93, 103; Wickham 1896a: 309, 1896c: 168; Wolcott & Montgomery 1933: 165; Wood, S. L. 1977a: 70, 1982b: 1160. **(tx)** Balachowsky 1948: 140, 1949a: 242; Beal & Maasey 1945: 120–121; Benoît 1985: 119; Blackman 1922b: 95–96, 1931b: 264–268; Blandford 1894b; Blatchley & Leng 1916: 643; Brakman 1966b: 52; Bright 1976d: 176, 204, 213, 1985c: 176; Chamberlin 1939: 327–328; Clemens 1916; Dillon & Dillon 1961: 801, 811; Dodge 1938: 13; Eichhoff 1869a: 275, 1878b: 406; Fitch 1858: 726; Goyer et al. 1980: 21; Grune 1979: 123; Hagedorn 1910: 147; Hoffmann 1947: 47, 1956: 91; Hopkins 1905b: 73; Hubbard 1897b: 30; Jacques 1951: 353; Joly 1976, 1976b: 148; LeConte 1868: 155, 1876: 350, 1878a: 468; Lucht 1987: 278; Postner 1974: 437; Provancher 1877: 566; Schedl 1931a: 6–7, 1981b: 79; Schwarz 1886: 40, 44; Swaine 1909: 108–109, 1918a: 91; Thomas, J. B. 1957: 3, 1967; Titus, Meikle, & Harrison 1985: 71; Wood, S. L. 1982b: 1160; Zimmermann 1868: 143. **(ms)** Eckstein 1900c.
- corthyloides* Eichhoff 1869a: 275. Syntypes, sex?; Carolina [USA]; Hamburg Museum, lost. Synonymy: Eichhoff 1878b: 406.
References: **(ay)** Schedl 1931a: 7. **(ds)** Leng 1920: 340; Swaine 1909: 108. **(tx)** Blackman 1931b: 264–268; Eichhoff 1869a: 275, 1878b: 406; Hopkins 1914: 122; LeConte 1876: 350; Schedl 1931a: 7; Swaine 1909: 108, 1918a: 91.
- duprezi* Hoffmann 1936: 43. Holotype ♀; Forêt du Rouvay, Seine-Inferieure, France; MNHN, Paris. Synonymy: Balachowsky 1949a: 242.
References: **(ds)** Duprez 1938a; Hoffmann 1936; Sainte-Claire & Mequignon 1938: 449. **(tx)** Balachowsky 1948: 140, 1949a: 242; Hoffmann 1936: 43, 1942: 72, 1947: 47; Wood, S. L. 1982b: 1160.
- nimifrons* Wood 1967d: 47. Holotype ♀; 29 km W El Salto, Durango, Mexico; Wood Collection.
Distribution: North America (Durango, Puebla in Mexico/ Arizona in USA).
Hosts: *Quercus* sp.
References: **(hb)** Wood, S. L. 1982b: 1159. **(ds)** Atkinson & Equihua 1985a: 99; Furniss, R. L. & Carolin 1977: 382; Wood, S. L. 1982b: 1159. **(tx)** Wood, S. L. 1967d: 47, 1982b: 1159.
- nitidifrons* Hopkins 1905b: 72. Holotype ♀; Michoacan, Mexico; USNM, Washington.
Distribution: North America (Guatemala/ Durango, Hidalgo, Mexico, Michoacan in Mexico).
Hosts: *Pinus cooperi*, *P. leiophylla*, *P. montezumae*.
References: **(ay)** Thomas, J. B. 1967. **(hb)** Wood, S. L. 1982b: 1161. **(ds)** Atkinson & Equihua 1985a: 99, 1985c: 361, 1988: 90; Blackwelder 1947: 782; Ferrer 1942; Hagedorn 1910d: 97; Kleine 1913b: 158, 1914b: 354, 1934a: 171; Wood, S. L. 1982b: 1161. **(tx)** Blackman 1931b: 266; Hagedorn 1910a: 147; Hopkins 1905b: 72; Schedl 1940a: 348, 1948f: 268, 1979c: 169; Thomas, J. B. 1967.
- obscurus* Wood 1974a: 55. Holotype ♀; 9 km NE Teziutlan, Puebla, Mexico; Wood Collection.
Distribution: North America (Puebla, Tlaxcala in Mexico).
Hosts: *Quercus* sp.
References: **(hb)** Wood, S. L. 1982b: 1158. **(ds)** Wood, S. L. 1974a: 55, 1982b: 1158. **(tx)** Wood, S. L. 1974a: 55, 1982b: 1158.
- omissus* Wood 1974a: 57. Holotype ♀; Volcan Irazu, Cartago, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica/ Guatemala).
Hosts: *Orcopanax nubigenus*.
References: **(hb)** Wood, S. L. 1982b: 1165. **(ds)** Atkinson & Equihua 1988: 90; Wood, S. L. 1982b: 1165. **(tx)** McNamara 1984: 753; Wood, S. L. 1974a: 56–57, 1982b: 1165.
- perniciosus* Wood 1967d: 47. Holotype ♂; 9 km S Carapan, Michoacan, Mexico; Wood Collection.
Distribution: North America (Honduras/ Chiapas, Chihuahua, Distrito Federal, Jalisco, Michoacan, Morelos in Mexico).
Hosts: *Pinus chiapensis*, *P. leiophylla*, *P. montezuma*, *P. oocarpa*, *P. pseudostrobus*, *P. spp.*
References: **(hb)** Atkinson et al. 1986: 49; Burgos & Saucedo 1984: 129; Wood, S. L. 1982b: 1162. **(ds)** Atkinson & Equihua 1985a: 99, 1985c: 361; Atkinson et al. 1986: 49; Burgos & Saucedo 1984: 129; Furniss, R. L. & Carolin 1977: 382; Schedl 1977e: 42; Wood, S. L. 1982b: 1162. **(tx)** Wood, S. L. 1967d: 47–48, 1982b: 1162.
- pilosus* (LeConte) 1868: 156 (*Cryphalus*). Lectotype, sex?; middle California [USA]; MCZ, Cambridge, designated by Wood 1982b: 1160.
Distribution: North America (Durango in Mexico/ Arizona, S California, S Nevada, New Mexico in USA).
Hosts: *Quercus* sp. limbs (Keen 1929a: 34); commonly collected at light.
Notes: (1) Blackman 1938: 204 (*pilosulus* an invalid spelling). Wood 1973: 172 (to *Gnathotrichus*). (3) Blackman 1938a: 205 (re-described, cited in *Ancyloderes*).
References: **(cn)** Swaine 1918a: 94. **(hb)** Bright &

- Stark 1973: 116; Chamberlin 1939: 324–325; Swaine 1918a: 94. (**ds**) Blackwelder 1939; Bright & Stark 1973: 116; Chamberlin 1939: 324–325; Gemminger & Harold 1872: 2688; Hagedorn 1910d: 73; Henshaw 1882: 268, 1885: 147; Keen 1929c: 34; Kleine 1914b: 391; Leng 1920: 340; Snow 1906: 175; Swaine 1909: 136; Wood, S. L. 1982b: 1160. (**tx**) Blackman 1921: 148, 1931a: 225, 1938a: 205–206; Chamberlin 1939: 324–325; Hagedorn 1910a: 101; Keen 1929: 34; LeConte 1868: 154, 156, 1876: 351; Swaine 1909: 136, 1918a: 94; Wood, S. L. 1966b: 18–21, 1982b: 1162. *saltoni* Blackman 1938a: 206. Holotype, sex?, Flagstaff, Arizona [USA]; USNM, Washington. Synonymy: Wood 1966b: 21.
- References: (**ds**) Blackwelder 1939; Chamberlin 1939: 325. (**tx**) Blackman 1938a: 206; Chamberlin 1939: 325; Wood, S. L. 1966b: 21.
- primus** (Bright) 1972c: 1678 (*Prognathotrichus*). Holotype ♂; Mt. Tzonteluitz, Chiapas, Mexico; CNCI, Ottawa.
- Figures: Bright 1972c: 1678.
- Distribution: North America (Chiapas in Mexico).
- Hosts: Probably *Quercus* sp.
- References: (**ds**) Wood, S. L. 1982b: 1158. (**tx**) Bright 1972c: 1678; McNamara 1977: 198; Wood, S. L. 1973c: 172, 1982b: 1158.
- retusus** (LeConte) 1868: 155 (*Cryphalus*). Lectotype ♀; California [USA]; MCZ, Cambridge, designated by Wood 1982b: 1163.
- Figures: Blackman 1931b: 270.
- Distribution: North America (British Columbia in Canada/ Baja California Norte in Mexico/ California, Idaho, Montana, Nevada, Oregon, NW Utah, Washington in USA).
- Hosts: *Alnus* sp. (Oregon, Washington only), *Picea engelmannii*, *Pinus contorta*, *P. flexilis*, *P. jeffreyi*, *P. lambertiana*, *P. radiata*, *P. ponderosa*, *Populus trichocarpa* (accidental), *Pseudotsuga menziesii*, *Abies concolor*, *A. magnifica*, *Tsuga heterophylla*.
- Notes: (3) Blackman 1931b: 271 (*occidentalis* Hopkins, nomen nudum, synonymy).
- References: (**ay**) Farris 1963: 257; Farris & Funk 1965: 527; Hopkins 1894g; Schedl 1931a: 11; Schneider 1976; Schneider & Rudinsky 1969a, 1969b; Thomas, J. B. 1967. (**bv**) Barr, B. A. 1969: 641; Borden 1984; Borden, Lindgren, & Chong 1980; Borden & McLean 1979; Borden et al. 1980, 1981; Buttrick 1912: 457; Chapman 1963: 675, 1966: 54; Inscoc 1982; Jacobson 1965, 1972; Johnston, B. D. & Slessor 1979; Klassen, Ridgway, & Inscoc 1982; Lindgren 1983; Lindgren et al. 1982, 1983; Liu & McLean 1989; Moeck, Wood, & Lindahl 1981; Nijholt 1980; Ohmart & Voigt 1982: 340; Rudinsky 1966b: 356–361, 1966c: 218–219; Rudinsky & Daterman 1964: 1339; Rudinsky & Schneider 1969a: 1248–1255; Schneider & Rudinsky 1969a: 27–39, 1969b: 995–1003; Shore & McLean 1983: 3, 1985; Zhong & Schowalter 1989. (**cn**) Chamberlin 1924, 1939: 328–329; Essig 1926: 519, 1958: 519; Fall & Cockerell 1907: 217; Felt 1906: 752; Graham 1953; Gray & Borden 1985; Hatch 1938: 194; Hopkins 1902: 14, 1904a: 15; Johnson 1958a: 508; Keen 1929c: 56, 1938: 146; Lindgren 1980a: 63, 1983; Lindgren & Borden 1983; Lindgren et al. 1983; McLean & Borden 1977b; McMullan 1956: 34; Molnar et al. 1969: 117, 1970: 104; Molnar, Ross, & Fiddick 1971: 81; Nijholt 1978a: 1980; Prebble 1944: 50, 1954: 220; Prebble & Graham 1957: 90–112; Ruppel 1967: 47; Shore 1985; Shore & McLean 1985; Silver & Ross 1958: 79, 1960: 98; Stevens, Brewer, & Leatherman 1980: 27; Swaine 1914: 33, 37, 40, 1918a: 90, 91. (**ec**) Borden et al. 1981; Chamberlin 1918a, 1939: 328–329; Chate-lain & Schenk 1983; Deyrup & Gara 1978: 274; Farris 1963; Farris & Funk 1965: 527; Felt 1906: 751; Keen 1938: 146; McLean & Borden 1977; Nakashima 1975: 4; Nijholt 1980, 1981; Ohmart & Voigt 1982: 340; Otvos 1977; Roeper & French 1981; Rudinsky & Schneider 1969a; Schneider 1976; Shore 1985; Steinhaus 1946: 404; Stephen & Dahlsten 1976b: 292. (**hb**) Blandford 1894b; Bright & Stark 1973: 117; Chamberlin 1939: 328–329, 1958; Essig 1926: 519, 1958: 519; Felt 1906: 751; Gast et al. 1989: 385; Hopkins 1894g, 1904a: 15; Johnson 1958a: 508, 1958b: 237; Keen 1929c: 56, 1938: 146; Kimmey 1943: 22; Lindgren 1980a: 63; Nijholt 1978a; Rudinsky & Schneider 1969a; Shore 1985; Stevens, Brewer, & Leatherman 1980: 27; Swaine 1918a: 90–91. (**ds**) Blandford 1894b; Bright 1976d: 176; Bright & Stark 1973: 117; Chamberlin 1917: 325, 1918a: 39, 1925, 1939: 328–329, 1958: 138–139; Chapman 1963: 675; Cockerell et al. 1907; Essig 1926: 519, 1958: 519; Evans, D. 1983: 32, 1985; Furniss, M. M. & Furniss 1972; Furniss, R. L. & Carolin 1977: 381; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 97; Henshaw 1882: 268, 1885: 147; Hopkins 1893a: 128, 1893b: 208, 1894: 277; Hopping 1922; Keen 1929a: 35, 1929c: 56–57, 1938: 146, 1949a: 93; Kleine 1913b: 158, 1914b: 399, 1934a: 171; Lange 1937: 174; Leng 1920: 340; Marchant & Borden 1976; McComb et al. 1953: 4; Miller, S. E. 1983: 99; Murayama 1957a: 37; Nijholt 1980; Ohmart & Voigt 1982: 340; Patterson & Hatch 1945: 152; Rudinsky & Schneider 1969a: 1248–1255; Ruppel 1967: 47; Schedl 1972a: 144; Shore 1985; Smith, G. S. 1930; Swaine 1909: 108, 1914: 33; Wickham 1896a: 309; Wood, S. L. 1951a: 128, 1972a: 428, 1977d: 512, 1982b: 1163. (**tx**) Blackman 1931b: 270–271; Blandford 1894b; Bright 1976d: 176; Chamberlin 1939: 328–329, 1958: 138–139; Eichhoff 1878b: 407, 511; Evans, D. 1983: 32; Hagedorn 1910a: 147; Hopkins 1905b: 73; Johnson 1958b: 237; Keen 1929a: 35; LeConte 1868: 155, 1876: 350; Schedl 1931a: 11, 1938a: 160, 164; Swaine 1909: 108, 1918a: 90–91; Thomas, J. B. 1967; Wood, S. L. 1972a: 428.

- 1982b: 1163. (**ms**) Hatch 1938: 194; Johnston, B. D. & Slessor 1979; Lindgren B. et al. 1982; Prebble 1944: 50.
- alni* Blackman 1931b: 271. Holotype ♀; Hoquiam, Washington [USA]; USNM, Washington. Synonymy: Wood 1977d: 512.
- Notes: (3) The closest relative of *retusus* is *alniphagus* Wood; perhaps the original host of *retusus* was *Alnus* and the adaptation to conifers was secondary, but the original habit persisted in parts of Oregon and Washington (SLW).
- References: (**cn**) Chamberlin 1939: 330; Hatch 1938: 194; Keen 1938: 146; Kinghorn 1957b: 213; Ruppel 1967: 47. (**ec**) Chamberlin 1939: 330; Keen 1938: 146. (**hb**) Chamberlin 1939: 330, 1958: 139; Keen 1938: 146. (**ds**) Chamberlin 1939: 330, 1958: 139; Furniss, R. L. & Carolin 1977: 382; Keen 1938: 146; Leng & Mutchler 1933: 94; Patterson & Hatch 1945: 152; Ruppel 1967: 47. (**tx**) Blackman 1931b: 271; Chamberlin 1939: 330, 1958: 139; Schedl 1979c: 16; Wood, S. L. 1977d: 512.
- sulcatus* (LeConte) 1868: 155 (*Cryphalus*). Holotype ♀; middle California [USA]; MCZ, Cambridge.
- Figures: Atkinson et al. 1986: 48, Blackman 1931b: 273 (antenna), Bright & Stark 1973: 163, Furniss & Carolin 1977: 391, Schwerdtfeger 1960b: 254–257, Shore 1985.
- Distribution: North America (British Columbia in Canada/ El Salvador/ Guatemala/ Honduras/ Distrito Federal, Durango, Hidalgo, Michoacan, Puebla, Tlaxcala, Veracruz in Mexico/ Arizona, California, Colorado, Idaho, Nevada, New Mexico, Oregon, South Dakota, Utah, Washington in USA).
- Hosts: *Abies concolor*, *A. magnifica*, *A. religiosa*, *Pinus leiophylla*, *P. montezumae*, *P. ponderosa*, *P. pseudostrobus*, *P. spp.*, *Pseudotsuga menziesii*, *Tsuga heterophylla*.
- Notes: (3) Blackman 1931b: 274 (redescribed).
- References: (**ay**) Farris 1963: 257; Farris & Funk 1965: 527; Schedl 1931a: 13; Schneider 1976; Schneider & Rudinsky 1969a, 1969b; Thomas, J. B. 1967. (**bv**) Barr, B. A. 1969: 641; Borden 1984; Borden, Lindgren, & Chong 1980; Borden & McLean 1979; Borden & Stokkink 1973; Borden et al. 1976, 1980: 108, 1981; Byrne et al. 1974; Cade 1970, 1971; Cade, Hrutfiord, & Gara 1970: 1014–1015; Chapman 1966: 55; Gagne & Kearby 1978: 1012; Grossman 1988: 9; Inscoc 1982; Inscoc & Beroza 1976: 147; Jacobson 1965, 1972; Johnson 1960b: 4; Johnson, Wright, & Orr 1961: 8; Kinghorn & Chapman 1957: 48; Klassen, Ridgeway, & Inscoc 1982; Lindgren 1983, 1984; Lindgren et al. 1983; Liu & McLean 1989; McLean 1976b, 1980a, 1988; McLean & Borden 1975a, 1975b, 1977a, 1977b, 1979; Moeck 1970b: 993, 1971; Mori 1975c; Nijholt 1980; Oda 1974: 7; Payne & Wood 1981: 492; Plummer et al. 1976; Prebble & Graham 1957: 93; Renwick, Vite, & Billings 1977; Roelofs 1978; Rudinsky 1966b: 356–361, 1966c: 218–219; Rudinsky & Daterman 1964: 1339; Rudinsky & Schneider 1969a: 1248–1255; Schneider & Rudinsky 1969a: 995–1003, 1969b: 27–39; Schuler & Slessor 1977; Shore & McLean 1983; Silverstein 1974; Silverstein & Young 1976: 20; Wood, D. L. 1978, 1979a, 1980b; Wright, R. H. 1974: 134; Zannuncio 1981b, 1983; Zhong & Schowalter 1989. (**cn**) Atkins 1976; Boocock 1959d; Boyce 1929; Buttrick 1912: 457; Chamberlin 1918: 40, 1924, 1939: 331–332; Currie 1905: 70; Doane et al. 1936; Essig 1926: 519, 1958: 519; Fiddick & Van Sickle 1980: 20; Fisher, Thompson, & Webb 1953, 1954b: 3–15; Graham 1953, 1963; Graham et al. 1950: 43–44, 48; Gray 1985; Hatch 1938: 194; Hopkins 1902c: 14, 1904a: 15; Hopping & Jenkins 1933: 1–14; Janssen 1958: 10–14; Jardine 1969: 48; Johnson 1958a: 508; Keen 1929c: 56, 1938: 144, 146; Kinghorn 1957b: 213; Lindgren 1980a: 63, 1983, 1984; Lindgren & Borden 1982; Lindgren et al. 1983; Mathers 1935: 14; McBride, C. F. 1950: 46; McBride, C. F. & Kinghorn 1960: 40–52; McLean 1976b, 1980a, 1980b, 1985, 1988; McLean & Borden 1975a, 1975b, 1977a, 1977b, 1979; McMullan 1956: 34–43; Nijholt 1978a, 1980; Ostaff 1974; Payne & Wood 1981: 492; Prebble 1944: 50, 1954: 220; Roelofs 1978; Rudinsky, Terriere, & Allen 1960: 949; Ruppel 1967: 47; Schuler 1969: 74; Schuler & Slessor 1977; Schwerdtfeger 1960b; Shea & Johnson 1962: 5; Shore & McLean 1983; Stevens, Brewer, & Leatherman 1980: 27; Struble 1937d: 11, 1957: 14; Swaine 1914: 37–38, 1918a: 91; Thatcher, T. O. 1961; Wood, D. L. 1979a, 1980b. (**ec**) Becker 1953: 361, 1955; Borden et al. 1981; Cade 1970, 1971; Chamberlin 1918a, 1939: 331–332; Deyrup & Gara 1978: 275; Farris 1963; Farris & Funk 1965: 527; Funk, A. 1970: 1445–1448, 1973; Keen 1938: 144, 146; Kinghorn 1956: 4, 1957a: 3; McLean & Borden 1977a, 1977b; Nakashima 1975: 4; Nijholt 1980; Ostaff 1974; Roeper & French 1981; Rudinsky & Schneider 1969a; Rumbold 1931c: 849; Schneider 1976; Struble 1957: 14; Webb 1945: 71; Wichmann 1955a: 93, 103. (**hb**) Atkinson & Equihua 1985a: 100; Atkinson et al. 1986: 49; Becker, G. 1953, 1955; Bright 1976d: 174; Bright & Stark 1973: 118; Burgos & Saucedo 1983: 130; Cade 1970, 1971; Chamberlin 1939: 331–332, 1958: 139–140; DeLeon 1952: 78–79; Doane & Gilliland 1929: 920–921; Doane et al. 1936; Essig 1926: 519, 1958: 519; Graham 1963; Hopkins 1904a: 15; Johnson 1958a: 508–511, 1958b: 237; Kalshoven 1962: 12; Keen 1929c: 56, 1938: 144, 146; Kimmey & Furniss 1943: 22–23; Lindgren 1980a: 63; McLean 1980a, 1988; McLean & Bennett 1978; McLean & Borden 1977; Nijholt 1978a, 1983; Ostaff 1974;

Pierce, W. D. 1907: 290; Prebble & Graham 1957: 93–112; Rudinsky & Schneider 1969a; Schwerdtfeger 1960b: 254; Stevens, Brewer, & Leatherman 1980: 27; Struble 1937d: 11, 1957: 14; Swaine 1918a: 91; Thatcher, T. O. 1983; Zanuncio 1981b, 1983. (**ds**) Atkinson & Equihua 1985a: 100, 1985c: 361, 1988: 90; Atkinson et al. 1986: 49; Bain 1974: 15; Becker, G. 1953; Blackwelder 1947: 782; Bright 1976d: 174; Bright & Stark 1973: 118; Burgos & Saucedo 1983: 130; Chamberlin 1917: 325, 1918a, 1925, 1939: 331–332, 1958: 139–140; Choo & Woo 1983; Cockerell et al. 1907; Currie 1905: 70; DeLeon 1952; Dominguez & Carrillo 1976: 141; Essig 1926: 519, 1958: 519; Evans, D. 1983; Fall & Cockerell 1907: 217; Furniss, M. M. 1978; Furniss, R. L. & Carolin 1977: 381; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 97; Henshaw 1882: 269; Hopkins 1902c: 14; Hopping 1922; Keen 1929a: 35, 1926c: 56, 1938: 144, 146; Kleine 1913b: 158, 1914b: 354, 391, 1934a: 171; Leng 1920: 340; Marchant & Borden 1976; McLean & Bennett 1978; McLean & Borden 1977; Murayama 1957a: 37; Nijholt 1980; Patterson & Hatch 1945: 152; Rudinsky & Schneider 1969a; Ruppel 1967: 47; Schedl 1940a: 348, 1963c: 158, 1977e: 43; Schuder 1969: 74; Schwerdtfeger 1960b; Swaine 1909: 108, 1914: 38; Thatcher, T. O. 1961; Thomas, J. B. 1966; Wichmann 1955a: 93, 103; Wood, S. L. 1982b: 1164. (**tx**) Atkinson et al. 1986: 48; Blackman 1931b: 274–275; Bright 1976d: 174; Bright & Stark 1973: 163; Chamberlin 1939: 331–332, 1958: 139–140; Eichhoff 1878b: 408, 512; Evans, D. 1983: 32; Furniss, R. L. & Carolin 1977: 391; Hagedorn 1910a: 147; Hopkins 1905a: 73; Hopping & Jenkins 1933; Johnson 1958b: 237; Keen 1929: 35; LeConte 1868: 154–155, 1876: 350; Schedl 1931a: 13, 1940a: 348, 1955g: 18, 29; Schwerdtfeger 1960b: 254–257; Shore 1985; Swaine 1909: 109–110, 1918a: 91; Thomas, J. B. 1967; Wood, S. L. 1977d: 513, 1982b: 1164. (**ms**) Boocock 1959d; Hatch 1938: 194; Kinghorn 1957b: 213; McLean & Bennett 1978; Mori 1975c; Prebble 1944: 50.

aciculatus Blackman 1931b: 272. Holotype ♀; Cloudercroft, New Mexico [USA]; USNM, Washington. Synonymy: Wood 1977c: 513. References: (**cn**) Blackman 1931c; Doane et al. 1936; Keen 1938: 146; Schuder 1969: 74. (**ec**) Blackman 1931c; Keen 1938: 146. (**hb**) Baker, W. L. 1972: 268; Blackman 1931c; Chamberlin 1939: 330–331; Doane et al. 1936; Keen 1938: 146. (**ds**) Chamberlin 1939: 330–331; Keen 1938: 146; Leng & Mutchler 1933: 95; Schuder 1969: 74. (**tx**) Blackman 1931b: 272; Chamberlin 1939: 330–331; Schedl 1955g: 29, 1979c: 10; Wood, S. L. 1977d: 513.

Genus *Gnathotrupes* Schedl

GNATHOTRUPES SCHEDL 1951m: 125. Type-species: *Gnathotrupes bolivianus* Schedl, monobasic.

Gnathotrypanus Wood 1968b: 9. Type-species: *Gnathotrypanus terebratus* Wood, original designation. Synonymy: Wood 1973c: 172.

References: (**tx**) Wood, S. L. 1968b: 9, 1973c: 172.

Gnathocortus Schedl 1975d: 11. Type-species: *Gnathocortus caliculus* Schedl, original designation. Synonymy: Wood 1984b: 225.

References: (**tx**) Schedl 1975d: 11; Wood, S. L. 1984b: 225.

Gnathomimus Schedl 1975d: 12. Type-species: *Gnathomimus nothofagi* Schedl, original designation. Synonymy: Wood 1984b: 225.

References: (**tx**) Schedl 1975d: 12; Wood, S. L. 1984b: 225.

Gnathoglochinus Schedl 1975d: 16. Type-species: *Gnathoglochinus impressus* Schedl, original designation. Synonymy: Wood 1984b: 225.

References: (**tx**) Schedl 1975d: 16; Wood, S. L. 1984b: 225.

Keys: Wood 1982b: 1167 for Central America.

References: (**hb**) Wood, S. L. 1982b: 1166, 1986a: 99. (**ds**) Browne 1970: 448; Schedl 1951m: 125; Wood, S. L. 1973c: 172, 1982b: 116, 1986a: 99. (**tx**) Browne 1970: 558; Schedl 1951m: 125; Wood, S. L. 1973c: 172, 1982b: 1166–1170, 1986a: 99.

barbifer (Schedl) 1967d: 13 (*Gnathotrichus*). Holotype, sex?, Chiloe, Chile; Schedl Collection in NHMW, Wien.

Distribution: South America (Chile).

Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).

References: (**ds**) Schedl 1972d: 145. (**tx**) Schedl 1967d: 13, 1972d: 145, 1979c: 34; Wood, S. L. 1973c: 172.

bituberculatus (Blandford) 1904: 248 (*Gnathotrichus*). Lectotype ♀; Purulha, Baja Verapaz, Guatemala; BMNH, London, designated by Wood 1982b: 1168.

Distribution: North America (El Salvador/ Guatemala/ Veracruz in Mexico).

Hosts: *Inga* sp., *Quercus* sp.

Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).

References: (**ds**) Blackwelder 1947: 782; Hagedorn 1910d: 96; Kleine 1914b: 368. (**tx**) Blackman 1931b: 266; Blandford 1904: 248; Hagedorn 1910a: 147; Schedl 1955g: 29; Wood, S. L. 1973c: 172, 1982b: 1168–1169.

impressus Schedl 1977e: 44 (*Gnathotrichus*).

Holotype ♀; El Salvador, Metapan, 1600–2200 m; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1975. Synonymy: Wood 1989: 173.

References: (**tx**) Schedl 1977e: 44; Wood, S. L. 1989: 173.

- bolivianus** Schedl 1951m: 126. Holotype ♀; Bolivia; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (tx) Schedl 1951m: 126, 1979c: 43.
- caliculus** (Schedl) 1975d: 12 (*Gnathocortus*). Holotype ♂; Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.
Figures: Schedl 1975k: 13.
Distribution: South America (Argentina).
Hosts: *Nothofagus dombeyi*.
Notes: (3) Wood 1984b: 225 (to *Gnathotrupes*).
References: (ay) Naumann-Etienne 1978b, (hb) Naumann-Etienne 1978b, (ds) Naumann-Etienne 1978b, (tx) Schedl 1975d: 11, 1975k: 13, 1979c: 50; Wood, S. L. 1984b: 225.
- castaneus** (Schedl) 1972d: 145 (*Gnathotrichus*). Holotype ♂?; Chile; Schedl Collection in NHMW, Wien.
Distribution: South America (Chile).
Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).
References: (tx) Schedl 1972d: 145, 1979c: 54; Wood, S. L. 1973c: 172.
- cirratus** Schedl 1975d: 5. Holotype ♀; Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina).
Hosts: *Nothofagus dombeyi*.
References: (tx) Schedl 1975d: 5, 1979c: 58.
- colaphus** Wood 1989: 181. Holotype ♀; La Carbonera Experimental Forest, 50 km W Merida, Merida, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: *Nectandra* sp., etc.
References: (tx) Wood, S. L. 1989: 181.
- consobrinus** (Eichhoff) 1878b: 409. *America meridionalis* (Chili); Hamburg Museum, lost.
Distribution: South America (Chile).
Notes: (1) Schedl 1972: 150, Wood 1973: 172 (to *Gnathotrupes*).
References: (ds) Blackwelder 1947: 782; Hagedorn 1910d: 96; Kleine 1914b: 332; Schedl 1972d: 151, (tx) Blackman 1931b: 266; Eichhoff 1878b: 409; Hagedorn 1910a: 147; Schedl 1939h: 47, 1951m: 122, 1972d: 151; Wood, S. L. 1973c: 172.
- crecentus** Wood 1974a: 56. Holotype ♀; Volcan, Puntarenas, Costa Rica, 1000 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree limb.
References: (tx) Wood, S. L. 1974a: 56, 1982b: 1169–1170.
- dilutus** Wood 1974a: 56. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Miconia caudata*.
References: (hb) Wood, S. L. 1982b: 1169, (ds) Wood, S. L. 1982b: 1169, (tx) Wood, S. L. 1974a: 56, 1982b: 1169.
- electus** (Wood) 1968b: 10 (*Gnathotrypanus*). Holotype ♀; Rincon de Osa, Puntarenas, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree limb.
Notes: (1) Wood 1968b: 10, 1982b: 1168 (to *Gnathotrupes*).
References: (ds) Wood, S. L. 1982b: 1168, (tx) Wood, S. L. 1968b: 10, 1973c: 172, 1982b: 1168.
- fimbriatus** (Schedl) 1955e: 259 (*Gnathotrichus*). Lectotype ♀; Chile, P. Arenas, Sud-Chile, Termas de Puyehue; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 152.
Distribution: South America (Chile).
Notes: (1) Wood 1966b: 23 (to *Gnathotrupes*).
References: (ds) Schedl 1980c: 160, (tx) Schedl 1955e: 256, 259, 1972d: 152, 1979c: 97; Wood, S. L. 1966b: 23, 1973c: 172.
- frontalis** (Schedl) 1972d: 146 (*Gnathotrichus*). Holotype ♂; Sudchile, Puerto Puyuhuapi; Schedl Collection in NHMW, Wien.
Distribution: South America (Chile).
Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).
References: (tx) Schedl 1972d: 146, 1979c: 100; Wood, S. L. 1973c: 172.
- herbertfranzi** (Schedl) 1972d: 147 (*Gnathotrichus*). Holotype ♂; S. Chile, Umg, Malacahuello; Schedl Collection in NHMW, Wien.
Distribution: South America (Chile).
Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).
References: (ds) Schedl 1980c: 159, (tx) Schedl 1972d: 147, 1979c: 116; Wood, S. L. 1973c: 172.
- impressus** (Schedl) 1975d: 17 (*Gnathoglochinus*). Holotype ♀; Argentinien, Nahuel Huapi National Park; NHMW, Wien.
Figures: Schedl 1975d: 17.
Distribution: South America (Argentina).
Hosts: *Nothofagus dombeyi*.
Notes: (3) Wood 1984b: 16 (to *Gnathotrupes*).
References: (ay) Naumann-Etienne 1978b, (hb) Naumann-Etienne 1978b, (ds) Naumann-Etienne 1978b; Schedl 1980c: 160, (tx) Schedl 1975d: 17, 1979c: 122; Wood, S. L. 1984b: 16.
- longicollis** (Schedl) 1951m: 120 (*Gnathotrichus*). Holotype, sex?; Colombia; Schedl Collection in NHMW, Wien.
Distribution: South America (Colombia).
Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).
References: (tx) Schedl 1951m: 120, 1979c: 140; Wood, S. L. 1973c: 172.
- longipennis** (Blanchard) 1851: 429 (*Tomicus*). Syn-types, sex?; Cercanias de Santiago, Chile; not located.
Distribution: South America (Argentina/ Chile).
Hosts: *Nothofagus dombeyi*.
Notes: (1) Eichhoff 1878b: 408 (to *Gnathotrichus*), Wood 1973c: 172 (to *Gnathotrupes*).

- Schedl 1972d: 150 (*springer* Eggers, nomen nudum, synonymy).
References: (**ds**) Blackwelder 1947: 782; Bruch 1914a; Elgneta & Jackson 1987: 77; Gemminger & Harold 1872: 2686; Hagedorn 1910d: 96; Kleine 1913b: 161, 1914b: 332; Lacordaire 1866: 383; Schedl 1972d: 148. (**tx**) Blackman 1931b: 266; Blanchard 1851: 429; Eggers 1929e: 49; Eichhoff 1878b: 408; Gay 1852: 429; Hagedorn 1910a: 147; Lacordaire 1866: 383; Lucas 1920: 305; Porter 1932: 106; Schedl 1939h: 47, 1951m: 118, 1955e: 256, 1972d: 148; Wood, S. L. 1973c: 172.
obnixus Schedl 1939h: 47 (*Gnathotrichus*). Synonyms 2 ♀; Puerto Puyuhuapi, Sud-Chile; 1 in IPKE, Eberswalde, 1 in Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 173.
Notes: (1) Schedl 1979c: 175 (citation of holotype invalid). Wood 1973c: 172 (to *Gnathotrupes*).
References: (**ay**) Naumann-Etienne 1978b. (**hb**) Naumann-Etienne 1978b. (**ds**) Blackwelder 1947: 782; Naumann-Etienne 1978b; Schedl 1972d: 149, 1973d: 162, 1975d: 2, 1978c: 293. (**tx**) Schedl 1939h: 47–48, 1972d: 149, 1979c: 174; Wood, S. L. 1973c: 172.
- corthyloides* Schedl 1951d: 20 (*Gnathotrichus*). Lectotype ♀; Chile, Valdivia; Schedl Collection in NHMW, Wien, preoccupied by Eichhoff 1869, designated by Schedl 1979c: 66. Synonymy: Wood 1989: 173.
Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).
References: (**tx**) Schedl 1951d: 20, 1955e: 256, 1979c: 66; Wood, S. L. 1973c: 172, 1989: 173.
- sextuberculatus* Schedl 1951m: 118 (*Gnathotrichus*). Holotype, sex?; Chile; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972d: 150.
Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).
References: (**ay**) Naumann-Etienne 1978b. (**hb**) Naumann-Etienne 1978b. (**ds**) Hoganson & Ashworth 1982; Naumann-Etienne 1978b; Schedl 1975d: 2. (**tx**) Schedl 1951m: 118, 1955e: 256, 1964m: 312, 1972d: 150, 1979c: 227; Wood, S. L. 1973c: 172.
- quadrituberculatus* Schedl 1951m: 122 (*Gnathotrichus*). Holotype, sex?; Chile; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972d: 150.
Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).
References: (**tx**) Schedl 1951d: 17, 1951m: 118, 122, 1955e: 256, 1972d: 150, 1979c: 200; Wood, S. L. 1973c: 172.
- corthyliformis* Schedl 1964m: 312 (*Gnathotrichus*). Lectotype ♀; Chile, Valdivia; Schedl Collection in NHMW, Wien, automatic, designated by Schedl 1979c: 66. Synonymy: Wood 1989: 173.
References: (**ds**) Schedl 1967d: 5, 1972d: 151–152. (**tx**) Schedl 1964m: 312, 1972d: 151–152, 1979c: 66; Wood, S. L. 1973c: 172.
- constrictus* Schedl 1975d: 6. Holotype ♂; Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 173.
References: (**ay**) Naumann-Etienne 1978b. (**hb**) Naumann-Etienne 1978b. (**ds**) Naumann-Etienne 1978b. (**tx**) Schedl 1975d: 6, 1979c: 64; Wood, S. L. 1989: 173.
- longiusculus* (Schedl) 1951m: 121 (*Gnathotrichus*). Holotype ♂; Tierra del Fuego, Via Monte; Eggers Collection, in NHMW, Wien.
Distribution: South America (Argentina, Chile).
Hosts: *Nothofagus dombeyi*.
Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).
References: (**ds**) Schedl 1972d: 148. (**tx**) Schedl 1951m: 121, 1972d: 148, 1979c: 142; Wood, S. L. 1973c: 172.
- ciliatus* Schedl 1975d: 4. Holotype ♀; Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien. Synonymy: Wood 1992a: 89.
References: (**tx**) Schedl 1975d: 4; Wood, S. L. 1992a: 89.
- nanulus* (Schedl) 1972d: 149 (*Gnathotrichus*). Holotype, sex?; Chile; Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina/Chile).
Hosts: *Nothofagus dombeyi*.
References: (**ay**) Naumann-Etienne 1978b. (**hb**) Naumann-Etienne 1978b. (**ds**) Naumann-Etienne 1978b; Schedl 1975d: 2. (**tx**) Schedl 1972d: 149, 1975d: 4, 1979c: 163; Wood, S. L. 1973c: 172.
- nanus* (Eichhoff) 1878b: 410 (*Gnathotrichus*). Holotype ♀; America meridionalis (Chile); Hamburg Museum, lost.
Distribution: South America (Chile).
References: (**ds**) Hagedorn 1910d: 97. (**tx**) Blackman 1931b: 266; Eichhoff 1978b: 410; Hagedorn 1910a: 147; Schedl 1939k: 727; Wood, S. L. 1973c: 172.
- naumanni* (Schedl) 1975d: 15 (*Gnathomimus*). Holotype ♀; Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.
Figures: Schedl 1975d: 16.
Distribution: South America (Argentina).
Hosts: *Nothofagus dombeyi*.
Notes: (3) Wood 1984b: 225 (to *Gnathotrupes*).
References: (**ay**) Naumann-Etienne 1978b. (**hb**) Naumann-Etienne 1978b. (**ds**) Naumann-Etienne 1978b. (**tx**) Schedl 1975d: 15–16, 1979c: 164; Wood, S. L. 1984b: 225.
- nectandrae* Wood 1989: 181. Holotype ♂; La Carbonera Experimental Forest, 50 km W Merida, Merida, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: *Nectandra* sp.
References: (**tx**) Wood, S. L. 1989: 181.

nothofagi (Schedl) 1975d: 13 (*Gnathomimus*).

Holotype ♀: Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

Notes: (3) Wood 1984b: 225 (to *Gnathotrupes*).

References: (tx) Schedl 1975d: 13, 1979c: 171; Wood, S. L. 1984b: 225.

pauciconcavus Schedl 1975d: 7. Holotype ♀:

Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

Notes: (1) This name was originally spelled *pauciconvacus*, an obvious lapsus calami; Schedl 1979c: 186 gave the corrected spelling.

References: (tx) Schedl 1975d: 7, 1979c: 186.

pustulatus Schedl 1975d: 9. Holotype ♀:

Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

References: (ay) Naumann-Etienne 1978b. (hb) Naumann-Etienne 1978b. (ds) Naumann-Etienne 1978b; Schedl 1980c: 159. (tx) Schedl 1975d: 9, 1979c: 206.

similis Schedl 1975d: 10. Holotype ♀; Argentinien,

Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

References: (ay) Naumann-Etienne 1978b. (hb) Naumann-Etienne 1978b. (ds) Naumann-Etienne 1978b. (tx) Schedl 1975d: 10, 1979c: 229.

solidus Schedl 1975d: 8. Holotype ♂; Argentinien,

Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

References: (ay) Naumann-Etienne 1978b. (hb) Naumann-Etienne 1978b. (ds) Naumann-Etienne 1978b. (tx) Schedl 1975d: 8, 1979c: 232.

terebratus (Wood) 1968b: 9 (*Gnathotrypanus*).

Holotype ♂; Volcan, Puntarenas, Costa Rica; Wood Collection.

Figures: Wood 1968b: 5.

Distribution: North America (Costa Rica).

Hosts: Presumably *Pourouma aspera*.

Notes: (1) Wood 1973c: 172, 1982: 1167 (to *Gnathotrupes*).

References: (hb) Wood, S. L. 1982b: 1167. (ds) Wood, S. L. 1982b: 1167. (tx) Wood, S. L. 1968b: 5, 9, 1973c: 172, 1982b: 1167.

vafer (Schedl) 1975d: 3 (*Gnathotrichus*). Holotype,

sex?; Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).

References: (ay) Naumann-Etienne 1978b. (hb) Naumann-Etienne 1978b. (ds) Naumann-Etienne 1978b; Schedl 1980c: 159. (tx) Schedl 1975d: 3, 1979c: 263; Wood, S. L. 1973c: 172.

velatus Schedl 1975d: 10. Holotype ♀; Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

References: (ay) Naumann-Etienne 1978b. (hb) Naumann-Etienne 1978b. (ds) Naumann-Etienne 1978b; Schedl 1980c: 160. (tx) Schedl 1975d: 10, 1979c: 265.

Genus *Tricolus* Blandford

TRICOLUS BLANDFORD 1905: 286. Type-species: *Tricolus ovicollis* Blandford, subsequent designation by Hopkins 1914: 131.

Pterocyclonoides Schedl 1970e: 101. Type-species: *Pterocyclonoides octodentatus* Schedl, monobasic. Synonymy: Wood 1984b: 228.

References: (tx) Schedl 1970e: 101–102; Wood, S. L. 1984b: 228.

Keys: Wood 1982b: 1170 for Central America.

References: (ay) Nobuchi 1969a: 68. (hb) Wood, S. L. 1982b: 1170, 1986a: 99. (ds) Wood, S. L. 1982b: 1170, 1986a: 99. (tx) Blandford 1905: 286; Bright 1972d: 98; Wood, S. L. 1967c: 119–141, 1982b: 1170–1185, 1986a: 99.

abruptus Schedl 1976a: 83. Holotype, sex?; Carnauro, Pernambuco, Brasil; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1976a: 83.

aciculatus Wood 1974a: 62. Holotype ♀; 10 km NE

Teziutlan, Puebla, Mexico; Wood Collection.

Distribution: North America (Puebla in Mexico).

Hosts: *Miconia* sp., *Rubus* sp.

References: (hb) Atkinson & Equihua 1985c: 361; Wood, S. L. 1982b: 1183. (ds) Atkinson & Equihua 1985c: 361; Wood, S. L. 1982b: 1183. (tx) McNamara 1984: 759; Wood, S. L. 1974a: 62, 1982b: 1183–1184.

affinis Eggers 1931b: 38. Holotype, sex?; Sao Paulo, Brasil; Prague Museum.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 783. (tx) Eggers 1931b: 38; Schedl 1939j: 581, 1979c: 14.

amplus Wood 1974a: 63. Holotype ♀; 10 km NE

Teziutlan, Puebla, Mexico; Wood Collection.

Distribution: North America (Puebla in Mexico).

Hosts: Tree limb.

References: (hb) Wood, S. L. 1982b: 1185. (ds) Wood, S. L. 1982b: 1185. (tx) Wood, S. L. 1974a: 63, 1982b: 1185.

ardis Wood 1974a: 58. Holotype ♀; Escasu, San Jose, Costa Rica, 1300 m; Wood Collection.

Figures: Wood 1982b: 1174 (declivity).

Distribution: North America (Costa Rica/ Panama).

Hosts: Tree branches and a seedling.

References: **(hb)** Wood, S. L. 1982b: 1176. **(ds)** Wood, S. L. 1982b: 1176. **(tx)** Wood, S. L. 1974a: 58, 1982b: 1176.

badius Wood 1974a: 60. Holotype ♀; Pandora, Limon, Costa Rica, 50 m; Wood Collection. Figures: Wood 1982b: 1174 (declivity). Distribution: North America (Costa Rica/ Panama). Hosts: *Serjania* sp., a liana, and a tree branch. References: **(hb)** Wood, S. L. 1982b: 1177. **(ds)** Wood, S. L. 1982b: 1177. **(tx)** Wood, S. L. 1974a: 60, 1982b: 1177.

bicolor Wood 1974a: 63. Holotype ♀; Volcan Poas, Heredia, Costa Rica, 1500 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree branch. References: **(hb)** Burgos & Saucedo 1983: 132; Wood, S. L. 1982b: 1184. **(ds)** Burgos & Saucedo 1983: 132; Wood, S. L. 1982b: 1184. **(tx)** Wood, S. L. 1974a: 63, 1982b: 1184.

bifidus Schedl 1939j: 579. Holotype, sex?; Brasilien; Schedl Collection in NHMW, Wien. Figures: Pedrosa-Macedo & Schonherr 1985: 53. Distribution: South America (Brazil). References: **(ds)** Blackwelder 1947: 783; Pedrosa-Macedo & Schonherr 1985: 53; Schedl 1976a: 56. **(tx)** Pedrosa-Macedo & Schonherr 1985: 53; Schedl 1939j: 579, 1979c: 39–40.

capitalis Wood 1974a: 61. Holotype ♀; 13 km SE El Hato del Volcan, Chiriqui, Panama, 1000 m; Wood Collection. Figures: Wood 1982b: 1174 (declivity). Distribution: North America (Panama). References: **(hb)** Wood, S. L. 1982b: 1179. **(ds)** Wood, S. L. 1982b: 1179. **(tx)** Wood, S. L. 1974a: 61, 1982b: 1179.

cecropii Wood 1974a: 58. Holotype ♀; Turrialba, Cartago, Costa Rica, 700 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: *Cecropia peltata* leaf petioles. Notes: (3) Wood 1982: 1176 (this is a domicile parasite of *Corthylus cecropii* Wood). References: **(hb)** Wood, S. L. 1982b: 1175–1176; **(ds)** Wood, S. L. 1982b: 1175–1176; **(tx)** Wood, S. L. 1974a: 58, 1982b: 1175–1176.

difodinus Bright 1972a: 1380. Holotype ♂; 21 km N Ocozacoatlán, Chiapas, Mexico; CNCI, Ottawa. Figures: Bright 1972a: 1377, Wood 1982b: 1181 (declivity). Distribution: North America (Guatemala/ Chiapas in Mexico). Hosts: Tree branches. References: **(ec)** Equihua & Atkinson 1986: 634. **(hb)** Atkinson & Equihua 1986a: 422; Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 1182. **(ds)** Atkinson & Equihua 1985c: 361, 1986a: 422,

1988: 102; Equihua & Atkinson 1986: 634, 1988: 212; Wood, S. L. 1982b: 1182. **(tx)** Bright 1972a: 1377, 1380; McNamara 1977: 199; Wood, S. L. 1982b: 1182.

fenoris Wood 1974a: 60. Holotype ♂?; 15 km SE Cartago, Cartago, Costa Rica, 1800 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Liana. References: **(hb)** Wood, S. L. 1982b: 1178. **(ds)** Wood, S. L. 1982b: 1178. **(tx)** Wood, S. L. 1974a: 60, 1982b: 1178.

frontalis Wood 1974a: 61. Holotype ♀; 8 km NE Teziutlan, Puebla, Mexico, 1600 m; Wood Collection. Distribution: North America (Puebla in Mexico). Hosts: Tree branch. References: **(ds)** Wood, S. L. 1982b: 1179. **(tx)** Wood, S. L. 1974a: 61, 1982b: 1179.

gracilipennis Schedl 1950i: 170. Lectotype, sex?; Brazil, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 107. Distribution: South America (Brazil). References: **(tx)** de Ruelle 1970: 114; Schedl 1950i: 170, 1979c: 107.

gracilis Eggers 1937a: 87. Holotype, sex?; Guadeloupe; USNM, Washington. Distribution: Antilles Islands (Guadeloupe). References: **(ds)** Blackwelder 1947: 783; Bright 1985c: 176. **(tx)** Anderson, W. H. & Anderson 1971: 13; Bright 1985c: 176; Eggers 1937a: 87, 1940a: 108; Schedl 1950i: 170, 1954b: 40, 1979c: 108.

inaffectus Wood 1974a: 57. Holotype ♀; Volcan Poas, Heredia, Costa Rica, 2600 m; Wood Collection. Distribution: North America (Costa Rica). References: **(ds)** Wood, S. L. 1982b: 1175. **(tx)** Wood, S. L. 1974a: 57, 1982b: 1175.

incisus Schedl 1976a: 84. Holotype, sex?; Caraguatatuba, SP, Res. Flor., 40 m, Brazil; MZUSP, Sao Paulo. Distribution: South America (Brazil). References: **(tx)** Schedl 1976a: 84.

inornatus Wood 1974a: 57. Holotype ♀; 15 km SE Cartago, Cartago, Costa Rica, 2800 m; Wood Collection. Figures: Wood 1982b: 1174 (declivity). Distribution: North America (Costa Rica). Hosts: *Siparuna nicaraguaensis*. References: **(hb)** Atkinson & Equihua 1985c: 361; Wood, S. L. 1982b: 1174. **(ds)** Atkinson & Equihua 1985c: 361; Wood, S. L. 1982b: 1174. **(tx)** Wood, S. L. 1974a: 57, 1982b: 1174.

intrusus Wood 1974a: 58. Holotype ♀; El Laurel, 12 km SW Caracas, Venezuela, 1300 m; Wood Collection. Distribution: South America (Venezuela). Hosts: *Cecropia* sp. leaf petioles.

References: (tx) Wood, S. L. 1974a: 55.

minutissimus Schedl 1976a: 84. Holotype, sex?; Linhares, F. Santos [Brazil]; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1976a: 84.

naevus Wood 1974a: 61. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.

Figures: Wood 1982b: 1181 (declivity).

Distribution: North America (Costa Rica).

Hosts: *Phoebe mexicana*, *Werklia insignata*, and a liana.

References: (hb) Wood, S. L. 1982b: 1180. (ds) Wood, S. L. 1982b: 1180. (tx) Wood, S. L. 1974a: 61. 1982b: 1180.

nodifer Blandford 1905: 287. Holotype, sex?; Mirandilla, Esquintla, Guatemala; BMNH, London.

Figures: Blandford 1905: pl. 9. Wood 1982b: 1174 (declivity).

Distribution: North America (Costa Rica/ Guatemala/ Veracruz? in Mexico).

Hosts: *Cecropia* sp. leaf petiole, and a tree branch. References: (hb) Wood, S. L. 1982b: 1178. (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1178. (tx) Blandford 1905: 287; Eggers 1931b: 38; Hagedorn 1910a: 149; Wood, S. L. 1966b: 30, 1967c: 139, 1982b: 1178.

triarmatus Schedl 1939j: 578. Holotype, sex?; Colonia, vermutlich Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 30. References: (ds) Blackwelder 1947: 783; Ferrer 1942. (tx) Schedl 1939j: 578, 1940a: 358; Wood, S. L. 1966b: 30.

octodentatus (Schedl) 1970b: 102 (*Pterocyclonoides*). Holotype, sex?; Brasilien, Parana, Rondon; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1970b: 102.

ovicollis Blandford 1905: 287. Holotype, sex?; Cerro Zunil, Quezaltenango, Guatemala; BMNH, London.

Figures: Wood 1982b: 1181 (declivity).

Distribution: North America (Costa Rica/ Puebla in Mexico/ Panama).

Hosts: *Miconia* sp., *Phoebe mexicana*, and a liana. References: (hb) Wood, S. L. 1982b: 1180. (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1180. (tx) Blandford 1905: 287; Eggers 1937a: 87; Hagedorn 1910a: 149; Hopkins 1914: 131; Schedl 1939j: 579; Wood, S. L. 1982b: 1180–1183.

parsus Wood 1974a: 59. Holotype ♂?; 15 km SE Cartago, Cartago, Costa Rica, 1800 m; Wood Collection.

Figures: Wood 1982b: 1174 (declivity).

Distribution: North America (Costa Rica).

Hosts: Liana.

References: (hb) Wood, S. L. 1982b: 1176. (ds) Wood, S. L. 1982b: 1176. (tx) Wood, S. L. 1974a: 59. 1982b: 1176.

partilis Wood 1974a: 60. Holotype ♂; Volcan, Puntarenas, Costa Rica; Wood Collection.

Figures: Wood 1982b: 1174 (declivity).

Distribution: North America (Costa Rica).

Hosts: Tree branch.

References: (hb) Wood, S. L. 1982b: 1178. (ds) Wood, S. L. 1982b: 1178. (tx) Wood, S. L. 1974a: 60. 1982b: 1178.

peltatus Wood 1974a: 62. Holotype ♀; Cerro Punta near Volcan Chiriqui, Chiriqui, Panama; Wood Collection.

Distribution: North America (Costa Rica/ Panama). Hosts: Tree branches and a liana.

References: (hb) Wood, S. L. 1982b: 1183. (ds) Wood, S. L. 1982b: 1183. (tx) Wood, S. L. 1974a: 62. 1982b: 1183.

perdilgens Schedl 1950i: 171. Holotype ♀; Jamaica; Schedl Collection in NHMW, Wien.

Figures: Bright 1972d: 59, 75, 95.

Distribution: Antilles Islands (Dominican Republic in Hispanola/ Jamaica).

References: (ds) Bright 1973: 18, 1981c: 156, 1985c: 176. (tx) Bright 1981c: 156, 1985c: 176; Schedl 1950i: 170, 1979c: 188.

ignotus Bright 1972d: 99. Holotype ♀; Hardwar Gap, 4000', St. Andrew Parish, Jamaica; CNCI, Ottawa. Synonymy: Bright 1985c: 176. References: (tx) Bright 1972d: 59, 75, 95, 99, 1985c: 176.

pernanulus Schedl 1939j: 581. Holotype, sex?; Sauda (Brasilien?); Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 783; Schedl 1972g: 46. (tx) Schedl 1939j: 581, 1979c: 190.

plaumanni Schedl 1954b: 40. Lectotype, sex?; Rondon, Parana, Brazil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 196. Figures: Wood 1982b: 1181 (declivity).

Distribution: North America (Costa Rica/ Panama), South America (Brazil/ Venezuela).

Hosts: Tree branches and lianas.

References: (hb) Wood, S. L. 1982b: 1184. (ds) Wood, S. L. 1982b: 1184. (tx) de Ruelle 1970: 114; Schedl 1954b: 40, 1979c: 196; Wood, S. L. 1982b: 1184.

pumilio Eggers 1937a: 87. Holotype, sex?; Bolivien (Cochabamba); Eggers Collection, in NHMW, Wien. Distribution: South America (Bolivia).

References: (ds) Blackwelder 1947: 783. (tx) Eggers 1937a: 87; Schedl 1939j: 580, 1939k: 726, 1979c: 204.

ruficollis (Fabricius) 1801: 388 (*Bostrichus*). Holotype ♀; published as *America meridionali*, type labeled Essequibo [Guyana]; UZMC, Copenhagen.

Distribution: South America (Guyana).

References: (ds) Dejean 1937; Stein & Weise 1877: 164. (tx) Eichhoff 1868d: 421; Fabricius 1801: 388; Ferrari 1868: 255; Sharp 1879: 102. (ms) Eichhoff 1868d: 421.

rufithorax Wood 1974a: 59. Holotype ♀; Finca Gromaco on Rio Coto Brus, Puntarenas, Costa Rica. 500 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Liana.

References: (hb) Wood, S. L. 1982b: 1177. (ds) Wood, S. L. 1982b: 1177. (tx) Wood, S. L. 1974a: 59, 1982b: 1177.

saunderi Wood 1967c: 139. Holotype ♂; Dominical, Puntarenas, Costa Rica; Wood Collection.

Figures: Wood 1982b: 1174 (declivity).

Distribution: North America (Costa Rica).

Hosts: *Theobroma cacao*, and a liana.

References: (ds) Wood, S. L. 1982b: 1179. (tx) Wood, S. L. 1967c: 139, 1982b: 1179.

scitulus Wood 1974a: 62. Holotype ♀; Tapanti, Cartago, Costa Rica; Wood Collection.

Figures: Wood 1982b: 1181 (declivity).

Distribution: North America (Costa Rica/Panama), South America (Venezuela).

Hosts: *Crotalaria* sp., *Phoebe mexicana*, etc.

References: (hb) Wood, S. L. 1982b: 1182. (ds) Wood, S. L. 1982b: 1182. (tx) Wood, S. L. 1974a: 62, 1982b: 1182.

senex Schedl 1939j: 580. Lectotype ♂; Nova Teutonia, Brazil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 225.

Figures: Schedl 1939j: 580, Terra 1987: 28, Wood 1982b: 1181 (declivity).

Distribution: North America (Costa Rica), South America (Bolivia/ Brazil).

Hosts: *Caliandra confusa*, *Siporana nicaraguensis*, etc.

References: (hb) Wood, S. L. 1982b: 1182. (ds) Blackwelder 1947: 783; Nunberg 1971: 58; Schedl 1966f: 91, 1973d: 161, 1978c: 291; Terra 1987: 27; Wood, S. L. 1982b: 1182. (tx) de Ruelle 1970: 114; Schedl 1939j: 580, 1979c: 225; Terra 1987: 27–28; Wood, S. L. 1982b: 1181–1183.

simplicis Wood 1974a: 57. Holotype ♀; Palin, Esquintla, Guatemala; Wood Collection.

Distribution: North America (Costa Rica/ Guatemala).

Hosts: *Ficus* sp., and a tree branch.

References: (hb) Wood, S. L. 1982b: 1173. (ds) Wood, S. L. 1982b: 1173. (tx) Wood, S. L. 1974a: 57, 1982b: 1173.

spheniscus Schedl 1939j: 581. Lectotype ♂; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 234. Figures: Pedrosa-Macedo & Schonherr 1985: 54. Distribution: South America (Brazil).

References: (ds) Blackwelder 1947; Pedrosa-Macedo & Schonherr 1985: 54; Schedl 1966f: 91, 1967d: 4, 1970e: 85, 1972g: 46, 1976a: 56. (tx) Pedrosa-Macedo & Schonherr 1985: 54; Schedl 1939j: 581, 1950i: 171, 1979c: 234.

subincisuralis Schedl 1939k: 726. Holotype, sex?; Brasilien, Sta. Catharina; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 783; Pedrosa-Macedo & Schonherr 1985: 55; Schedl 1973d: 161, 1976d: 4. (tx) Pedrosa-Macedo & Schonherr 1985: 55; Schedl 1939k: 726, 1979c: 242.

unidentatus Bright 1972d: 98. Holotype ♀; Barbecue Bottom, Trelawny Parish, Jamaica; CNCI, Ottawa.

Figures: Bright 1972: 95.

Distribution: Antilles Islands (Jamaica).

References: (ds) McNamara 1977: 200; Bright 1985c: 176. (tx) Bright 1972d: 95, 98, 1985c: 176.

Genus *Amphicranus* Erichson

AMPHICRANUS ERICHSON 1836: 63. Type-species: *Amphicranus thoracicus* Erichson, monobasic.

Piezorhopalus Guerin-Meneville 1838: 107.

Type-species: *Piezorhopalus nitidulus* Guerin-Meneville = *Amphicranus thoracicus* Erichson, monobasic. Synonymy: Blandford 1905: 290.

References: (tx) Blandford 1905: 290; Guerin-Meneville 1838: 107.

Steganocranus Eichhoff 1878b: 460. Type-species: *Steganocranus dohrni* Eichhoff, monobasic. Synonymy: Blandford 1905: 289.

References: (tx) Blandford 1905: 289; Eichhoff 1878b: 70, 460; Schedl 1939j: 583, 1950i: 176.

Keys: Blandford 1905: 289 and Wood 1982b: 1186 for Central America.

References: (hb) Wood, S. L. 1982b: 1185, 1986a: 99. (ds) Wood, S. L. 1982b: 1185, 1986a: 99. (tx) Blandford 1905: 289; Eggers 1935a: 157; Erichson 1836: 63; Wood, S. L. 1967d: 37–57, 1982b: 1185, 1986a: 99.

acus Wood 1974a: 66. Holotype ♀; El Laurel Experiment Station, 12 km SW Caracas, Venezuela, 1800 m; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Croton* sp., etc.

References: (tx) Wood, S. L. 1974a: 66.

argutus Wood 1976a: 349. Holotype ♀; Finca La Lola, Limon, Costa Rica; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: *Theobroma cacao*.

- References: **(ds)** Wood, S. L. 1982b: 1193. **(tx)** Wood, S. L. 1976a: 349, 1982b: 1193.
- balteatus Blandford** 1905: 291. Holotype, sex?: Cerro Zumil, Quezaltenango, Guatemala, 1300 m; BMNH, London.
 Figures: Blandford 1905:pl. 9.
 Distribution: North America (Guatemala).
 Hosts: "Caldo de Frijol," a tree.
 References: **(hb)** Wood, S. L. 1982b: 1201. **(ds)** Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 257, 1914b: 308; Wood, S. L. 1982b: 1201. **(tx)** Blandford 1905: 291; Hagedorn 1910a: 139; Wood, S. L. 1982b: 1201.
- belti Blandford** 1905: 292. Holotype, sex?: Chontales, Nicaragua; BMNH, London.
 Figures: Blandford 1905:pl. 9.
 Distribution: North America (Costa Rica/Nicaragua).
 References: **(ds)** Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 368. **(tx)** Blandford 1905: 289, 292; Hagedorn 1910a: 139; Wood, S. L. 1982b: 201.
- bipunctatus Eichhoff** 1878b: 469. Holotype, sex?: America meridionalis (Nova Granada); Hamburg Museum, lost.
 Distribution: South America (Colombia).
 References: **(ds)** Blackwelder 1947: 783; Blandford 1905: 289; Kleine 1913b: 157. **(tx)** Blandford 1905: 289; Eichhoff 1878b: 469; Hagedorn 1910a: 139.
- brasiliensis Eggers** 1931b: 37. Holotype, sex?: Brazil: Sao Paulo; Prague Museum.
 Distribution: South America (Brazil).
 References: **(ds)** Blackwelder 1947: 783. **(tx)** Eggers 1931b: 37–38.
- brevipennis Blandford** 1905: 293. Holotype ♀?: San Isidro, Suchitepequez, Guatemala; BMNH, London.
 Figures: Blandford 1905:pl. 9, Wood 1982b: 1191.
 Distribution: North America (Costa Rica/Guatemala).
 Hosts: Tree branch.
 References: **(hb)** Wood, S. L. 1982b: 1190. **(ds)** Blackwelder 1947: 783; Bright 1972a: 1385; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 368; Wood, S. L. 1982b: 1190. **(tx)** Blandford 1905: 293; Hagedorn 1910a: 139; Wood, S. L. 1982b: 1190–1191.
- brownei Schedl** 1979j: 128. Holotype, sex?: Brasilien, Amapa, Alt. Amapari; Schedl Collection in NHMW, Wien, automatic.
 Distribution: South America (Brazil).
 References: **(tx)** Schedl 1979j: 128.
- elegantulus Schedl** 1978c: 304. Holotype, sex?: Brasilien, Amapa, Alt. Amapari; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1963.
- References: **(tx)** Schedl 1978c: 304; Wood, S. L. 1981: 122.
- electus Wood** 1981: 122. Holotype, sex?: Brasilien, Amapa, Alta. Amapari; Schedl Collection in NHMW, Wien, automatic.
 Notes: (1) This is an unneeded replacement name.
 References: **(tx)** Schedl 1979j: 128; Wood, S. L. 1981: 122.
- callosus (Schedl)** 1935h: 351 (*Pterocyclon*). Holotype ♀; Coronado [presumably San Isidro de Coronado, San Jose], Costa Rica, 1400–1500 m; Schedl Collection in NHMW, Wien.
 Distribution: North America (Costa Rica).
 References: **(ds)** Wood, S. L. 1982b: 1194. **(tx)** Schedl 1935h: 350–351, 1952a: 450, 1979c: 50; Wood, S. L. 1982b: 1194.
- collaris Blandford** 1905: 294. Holotype ♀?: Volcan Chiriqui, Panama; BMNH, London.
 Figures: Blandford 1905:pl. 9.
 Distribution: North America (Costa Rica/Panama).
 Hosts: *Phoebe mexicana*, etc.
 References: **(hb)** Wood, S. L. 1982b: 1200. **(ds)** Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1200. **(tx)** Blandford 1905: 294; Hagedorn 1910a: 139; Sampson 1912: 245; Wood, S. L. 1982b: 1200.
- cordatus (Bright)** 1972a: 1380 (*Tricolus*). Holotype ♂; 184 km S Oaxaca on Highway 131, Oaxaca, Mexico, 2000 m; CNCI, Ottawa.
 Figures: Atkinson et al. 1986: 43, Bright 1972a: 1377.
 Distribution: North America (Oaxaca in Mexico).
 References: **(hb)** Atkinson et al. 1986: 44; Burgos & Saucedo 1983: 132. **(ds)** Atkinson et al. 1986: 44; Burgos & Saucedo 1983: 132; Wood, S. L. 1982b: 1203. **(tx)** Bright 1972a: 1380; Atkinson et al. 1986: 43; Bright 1972a: 1377; McNamara 1977: 199; Wood, S. L. 1982b: 1203.
- dohrni (Eichhoff)** 1878b: 461 (*Steganocranus*). Syntypes 2, 1 ♀; America meridionali; 1 lost with Hamburg Museum, 1 ♀ in Dohrn Collection at Stettin now in Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil/Venezuela).
 Hosts: Tree bole.
 Notes: (1) Schedl 1979c: 83 (citation of holotype invalid).
 References: **(ds)** Blackwelder 1947: 783; Hagedorn 1910d: 96; Schedl 1966f: 91. **(tx)** Eichhoff 1878b: 461; Hagedorn 1910a: 139; Hopkins 1914: 129; Schedl 1939j: 583, 1950i: 146, 1951h: 285, 1979c: 83.
- caudatus Eggers** 1931a: 17. Holotype, sex?: Brazil; MNB, Berlin. Synonymy: Schedl 1950i: 176.
 References: **(ds)** Blackwelder 1947: 783. **(tx)** Eggers 1931a: 17, 1943a: 384; Schedl 1950i: 146.
- eichhoffi Eggers** 1931a: 17. Holotype ♂; Bolivia (Cochabamba); Eggers Collection, in NHMW, Wien.
 Distribution: South America (Bolivia).

- References: **(ds)** Blackwelder 1947: 783. **(tx)** Eggers 1931a: 17, 1943a: 384; Schedl 1950i: 176, 1979c: 87.
- galeatus* (Eggers) 1943a: 384 (*Steganocranus*).
Holotype ♀; Bolivia (Cochabamba); Eggers Collection, in NHMW, Wien. Synonymy: Schedl 1950i: 176.
References: **(tx)** Eggers 1943a: 384; Schedl 1950i: 176, 1979c: 102.
- elegans Eichhoff** 1869a: 276. Holotype, sex?; Mexico; Hamburg Museum, lost.
Figures: Blandford 1905:pl. 9, Wood 1982b: 1191.
Distribution: North America (Costa Rica/ Veracruz in Mexico/ Nicaragua).
Hosts: *Theobroma cacao*.
References: **(ds)** Blackwelder 1947: 783; Blandford 1905: 290; Ferrer 1942; Gemminger & Harold 1872: 2680, 2692; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 353; Wood, S. L. 1982b: 1192. **(tx)** Blandford 1905: 289–290; Eggers 1931a: 18; Eichhoff 1869a: 276, 1878b: 465; Hagedorn 1910a: 139; Schedl 1940a: 359; Wood, S. L. 1982b: 1191–1192.
- elegantulus Schedl** 1963d: 225. Holotype, sex?; Brasilien: Matto Grosso, Rio Caraguata; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1963d: 225, 1979c: 88.
- fastigiatus Blandford** 1905: 296. Holotype ♂; Cerro Zunil, Quezaltenango, Guatemala; BMNH, London.
Figures: Blandford 1905:pl. 9.
Distribution: North America (Costa Rica/ Guatemala).
Hosts: *Conostegia oerstediana*, *Parkinsonia aculeata*.
References: **(hb)** Wood, S. L. 1982b: 1205. **(ds)** Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 368; Schedl 1933c: 164; Wood, S. L. 1982b: 1205. **(tx)** Blandford 1905: 296; Eggers 1931a: 16, 18; Hagedorn 1910a: 139; Schedl 1939j: 583, 1950i: 176; Wood, S. L. 1982b: 1205–1206.
- filliformis Blandford** 1905: 295. Holotype, sex?; Omilteme, Guerrero, Mexico; BMNH, London.
Figures: Blandford 1905:pl. 9.
Distribution: North America (Chiapas, Guerrero in Mexico).
References: **(hb)** Atkinson & Equihua 1985c: 361. **(ds)** Atkinson & Equihua 1985c: 361; Blackwelder 1947: 783; Ferrer 1942; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 353; Wood, S. L. 1982b: 1203. **(tx)** Blandford 1905: 295; Hagedorn 1910a: 139; Schedl 1940a: 359; Wood, S. L. 1982b: 1203.
- fryi Blandford** 1905: 291. Holotype, sex?; Brazil, Rio de Janeiro; BMNH, London.
Distribution: South America (Brazil/ Cayenne/ Ecuador).
References: **(ds)** Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 337. **(tx)** Blandford 1905: 289, 291; Hagedorn 1910a: 139.
- fulgidus Wood** 1976a: 350. Holotype ♀; Finca Los Diamantes [near Dominical], Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Theobroma cacao*.
References: **(ds)** Wood, S. L. 1982b: 1195. **(tx)** Wood, S. L. 1976a: 350, 1982b: 1195.
- gracilis Eggers** 1943a: 383. Holotype, sex?; Bolivia (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia).
References: **(tx)** Anderson, W. H. & Anderson 1971: 13; Eggers 1943a: 383.
- grouvellei Blandford** 1905: 294. Syntypes 2, sex?; tobacco-refuse, probably Brazilian, intercepted at Paris; BMNH, London.
Distribution: South America (Brazil).
References: **(ec)** Wichmann 1955a: 107. **(ds)** Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 337; Wichmann 1955a: 107. **(tx)** Blandford 1905: 290, 294; Hagedorn 1910a: 139.
- hybridus Blandford** 1905: 298. Holotype ♀; Guatemala, Guatemala; BMNH, London.
Figures: Blandford 1905:pl. 9.
Distribution: North America (Guatemala/ Nayarit in Mexico).
References: **(ds)** Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 368; Wood, S. L. 1982b: 1193. **(tx)** Blandford 1905: 298; Eggers 1931a: 19; Hagedorn 1910a: 139; Wood, S. L. 1982b: 1193.
- lesnei Hagedorn** 1903b: 550. Holotype, sex?; Vallee de Cauca, Colombia; MNHN, Paris.
Distribution: South America (Colombia).
References: **(ds)** Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 157. **(tx)** Hagedorn 1903b: 550, 1910a: 139.
- macellus Wood** 1974a: 64. Holotype ♀; Rincon de Osa, Puntarenas, Costa Rica, 30 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree limb.
References: **(hb)** Wood, S. L. 1982b: 1202. **(ds)** Wood, S. L. 1982b: 1202. **(tx)** Wood, S. L. 1974a: 64, 1982b: 1202.
- melanura (Blandford)** 1904: 272 (*Pterocyclon*). Holotype ♂; Volcan de Chiriqui, Panama; BMNH, London.
Distribution: North America (Costa Rica/ Panama).
Hosts: *Phoebe mexicana*.
References: **(hb)** Wood, S. L. 1982b: 1195. **(ds)** Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1195. **(tx)** Blandford 1904: 272 Hagedorn 1910a: 149; Schedl 1935h: 348; Wood, S. L. 1982b: 1195–1196.
- opacifrons Schedl** 1935h: 350. Holotype ♀; Coro-

nado [presumably San Isidro de Coronado, San Jose], Costa Rica; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 26. References: (tx) Schedl 1935h: 350, 1979c: 179; Wood, S. L. 1966b: 26.

micans Wood 1976a: 350. Holotype ♀; Rio Damitas, Dota Mts., San Jose, Costa Rica; Wood Collection. Distribution: North America (Costa Rica/ Oaxaca, Veracruz in Mexico/ Panama). Hosts: *Protium* sp., *Terminalia* sp.

References: (hb) Wood, S. L. 1982b: 1194. (ds) Atkinson & Equihua 1986a: 422, 1988: 85; Wood, S. L. 1982b: 1194. (tx) Wood, S. L. 1976a: 350, 1982b: 1194.

minor (Eggers) 1935a: 332 (*Anchonocerus*). Holotype ♂; Bolivien (Cochabamba); USNM, Washington.

Distribution: South America (Bolivia).

References: (ds) Blackwelder 1947: 783. (tx) Anderson, W. H. & Anderson 1971: 20; Eggers 1935a: 332–333.

mirandus Wood 1974a: 63. Holotype ♀; Rincon de Osa, Puntarenas, Costa Rica, 30 m; Wood Collection. Distribution: North America (Costa Rica).

Hosts: Tree limb.

References: (hb) Wood, S. L. 1982b: 1197. (ds) Wood, S. L. 1982b: 1197. (tx) Wood, S. L. 1974a: 63, 1982b: 1197–1198.

mucronatus Wood 1974a: 66. Holotype ♀; Volcan de Chiriqui at Cerro Punta, Chiriqui, Panama, 1800 m; Wood Collection.

Distribution: North America (Panama).

Hosts: Tree branch.

References: (ds) Wood, S. L. 1982b: 1205. (tx) Wood, S. L. 1974a: 66, 1982b: 1205.

parilis Wood 1975a: 31. Holotype ♂; 6 km W Tepic, Nayarit, Mexico, 1000 m; Wood Collection.

Distribution: North America (Nayarit in Mexico).

Hosts: Tree branch.

References: (ds) Wood, S. L. 1982b: 1202. (tx) Wood, S. L. 1975a: 31, 1982b: 1202–1203.

plaumanni Schedl 1978c: 305. Holotype, sex?; Brasilien, Nova Teutonia, 300–400 m, 27 11 Br., 52 23 L; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1978c: 305

politus Eichhoff 1869a: 276. Holotype, sex?; Nov. Friburg; IRSNB, Brussels.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 783; Blandford 1905: 289; Gemminger & Harold 1872: 2692; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 337; Schedl 1973d: 160. (tx) Blandford 1905: 289; Eichhoff 1869a: 276, 1878b: 467; Hagedorn 1910a: 139.

propugnatus Blandford 1905: 297. Holotype ♀♀; Cerro Zunil, Quezaltenango, Guatemala; BMNH, London.

Figures: Blandford 1905: pl. 9.

Distribution: North America (Costa Rica/ Guatemala).

References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 157; Wood, S. L. 1982b: 1203. (tx) Blandford 1905: 297; Hagedorn 1910a: 139; Schedl 1934c: 38; Wood, S. L. 1967d: 55, 1982b: 1203.

armatus Schedl 1934c: 37. Holotype ♀♀; Turrialba, Costa Rica; Schedl Collection in NHMW, Wien. Synonymy: Wood 1982b: 1203–1204.

References: (ds) Blackwelder 1947: 783. (tx) Schedl 1934c: 37–38, 1979c: 26; Wood, S. L. 1982b: 1203.

quadrinaculatus Schedl 1966f: 127. Holotype, sex?; Chanchamajo, Peru; Schedl Collection in NHMW, Wien.

Distribution: South America (Peru).

References: (ds) Schedl 1966f: 92. (tx) Schedl 1966f: 127, 1979c: 208.

rameus Wood 1967d: 55. Holotype ♀; 5 km W El Salto, Durango, Mexico, 2500 m; Wood Collection.

Figures: Wood 1967d: 54, 1982b: 1233 (declivity).

Distribution: North America (Durango in Mexico).

Hosts: *Quercus* sp.

References: (hb) Wood, S. L. 1982b: 1196. (ds) Wood, S. L. 1982b: 1196. (tx) Wood, S. L. 1967d: 54–55, 1982b: 1196, 1233.

rasilis Schedl 1950i: 174. Syntypes ♀; Brazil, Santa Catharina, Nova Teutonia; Schedl Collection in NHMW, Wien, and Plaumann Collection.

Distribution: South America (Brazil).

Notes: (1) Schedl 1979c: 210 (citation of holotype invalid).

References: (ds) Pedrosa-Macedo & Schonherr 1985: 56; Schedl 1960f: 92, 1967d: 4, 1970g: 46. (tx) Pedrosa-Macedo & Schonherr 1985: 56; Schedl 1950i: 174, 1979c: 210.

retusus Eichhoff 1869a: 276. Holotype, sex?; Amer. mer. (Cayenne); IRSNB, Brussels.

Distribution: South America (Brazil/ Cayenne/ Ecuador).

References: (ds) Blackwelder 1947: 783; Blandford 1905: 291; Gemminger & Harold 1872: 2692; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 337–338. (tx) Blandford 1904: 289, 291; Eichhoff 1869a: 276, 1878b: 466; Hagedorn 1910a: 139.

schaufussi Blandford 1905: 293. Holotype, sex?; Venezuela; Hamburg Museum, lost.

Distribution: South America (Venezuela).

References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 158, 1914b: 340. (tx) Blandford 1905: 290, 293; Hagedorn 1910a: 139; Wood, S. L. 1982b: 1199.

- speciosus (Schedl)** 1934c: 38 (*Tricolus*). Holotype, sex?; Hamburgfarm on Rio Reventazon, Limon, Costa Rica; Schedl Collection in NHMW, Wien. Distribution: North America (Costa Rica). Hosts: Tree. References: (ds) Blackwelder 1947: 783; Wood, S. L. 1982b: 1199. (tx) Schedl 1934c: 58, 1979c: 233; Wood, S. L. 1967c: 140, 1982b: 1199.
- spectabilis (Wood)** 1967c: 140 (*Tricolus*). Holotype ♀; Finca La Lola, Limon, Costa Rica; Wood Collection. Distribution: North America (Costa Rica). Hosts: *Theobroma cacao*. References: (hb) Wood, S. L. 1982b: 1199. (ds) Wood, S. L. 1982b: 1199. (tx) Wood, S. L. 1967c: 140, 1982b: 1199–1200.
- spectus Wood** 1980b: 358. Holotype ♂; Pichucalco, Chiapas, Mexico; Wood Collection. Distribution: North America (Chiapas, Veracruz in Mexico). Hosts: *Theobroma cacao*, *Zygia* sp. References: (ds) Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 1200. (tx) Wood, S. L. 1980b: 358, 1982b: 1200.
- spinachius (Schedl)** 1939j: 584 (*Staganocranus*). Holotype, sex?; Brasilien; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (ds) Blackwelder 1947: 783. (tx) Schedl 1939j: 584, 1950i: 177, 1979c: 234.
- spinescens Wood** 1974a: 65. Holotype ♀; Rincon de Osa, Puntarenas, Costa Rica, 30 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree limb. References: (hb) Wood, S. L. 1982b: 1204. (ds) Wood, S. L. 1982b: 1204. (tx) Wood, S. L. 1974a: 65, 1982b: 1204.
- spinosus Wood** 1974a: 65. Holotype ♀; Rincon de Osa, Puntarenas, Costa Rica, 30 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree limb. References: (hb) Wood, S. L. 1982b: 1204. (ds) Wood, S. L. 1982b: 1204. (tx) Wood, S. L. 1974a: 65, 1982b: 1204–1205.
- splendens Wood** 1982a: 223. Holotype ♂; San Rafael, Mexico, Mexico; Wood Collection. Distribution: North America (Mexico in Mexico). Hosts: *Quercus* sp. References: (hb) Atkinson & Equihua 1985a: 101. (ds) Atkinson & Equihua 1985a: 101. (tx) Wood, S. L. 1982a: 223.
- stenodermus (Schedl)** 1963: 166 (*Pterocyclon*). Holotype, sex?; Cordoba [presumably in Veracruz, Mexico]; Schedl Collection in NHMW, Wien. Distribution: North America (Nayarit, Veracruz in Mexico). Hosts: Tree limb. References: (hb) Wood, S. L. 1982b: 1193. (ds) Wood, S. L. 1982b: 1193. (tx) Schedl 1963c: 166, 1979c: 237; Wood, S. L. 1982b: 1193.
- tenuis Blandford** 1905: 295. Holotype ♀; “Mexican” tobacco refuse [probably from Brazil]; BMNH, London. Figures: Blandford 1905: pl. 9. Distribution: South America (Brazil/ Venezuela). Notes: All of Blandford’s species named from Mexican tobacco refuse are actually from Brazil. References: (ec) Wichmann 1955a: 107. (hb) Wood, S. L. 1982b: 1197. (ds) Blackwelder 1947: 783; Ferrer 1942; Hagedorn 1910d: 95; Kleine 1913b: 158, 1914b: 354. Wichmann 1955a: 107; Wood, S. L. 1982b: 1197. (tx) Blandford 1905: 295; Hagedorn 1910a: 139; Schedl 1934c: 37, 1940a: 359, 1950i: 174; Wood, S. L. 1982b: 1197, 1202.
- terebella Blandford** 1905: 296. Holotype ♂?; Volcan de Chiriqui, Panama; BMNH, London. Figures: Blandford 1905: pl. 9. Distribution: North America (Panama), South America (Venezuela). Hosts: *Nectandra* sp., Guttiferae (near *Vismia* sp.). References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 158. (tx) Blandford 1905: 296; Hagedorn 1910a: 139.
- theobroma Sampson** 1912: 245. Holotype, sex?; Trinidad; BMNH, London. Distribution: Antilles Islands (Trinidad). Hosts: *Theobroma cacao*. References: (ds) Blackwelder 1947: 783; Kleine 1913b: 158, 1914b: 344. (tx) Sampson 1912: 245.
- thoracicus Erichson** 1836: 64. Holotype, sex?; Brasilien; MNB, Berlin. Distribution: South America (Brazil/ Cayenne/ Guyana). References: (ds) Blackwelder 1947: 783; Blandford 1905: 290; Gemminger & Harold 1872: 2692; Hagedorn 1910d: 95; Kleine 1914b: 337–338; Lacordaire 1866: 383; Nunberg 1962: 223; Schedl 1966f: 79, 1967d: 4. (tx) Blandford 1905: 289–290; Castelnau 1840; Erichson 1836: 64; Ferrari 1867a: 48; Hagedorn 1910a: 139; Hopkins 1914: 116; Lacordaire 1866: 383; Lucas 1920: 90. *nitidulus* Guerin-Meneville 1838b: 107 (*Piezorhopalus*). Holotype, sex?; Brazil; not located. Synonymy: Blandford 1904: 290. References: (ds) Gemminger & Harold 1872: 2692; Lacordaire 1866: 383. (tx) Blandford 1904: 290; Eichhoff 1878b: 464; Ferrari 1867: 48; Guerin-Meneville 1838b: 107; Hopkins 1914: 127; Lacordaire 1866: 383.
- tornatilis Wood** 1974a: 64. Holotype ♀; 6 km S San Vito, Puntarenas, Costa Rica; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree. References: (ds) Wood, S. L. 1982b: 1198. (tx) Wood, S. L. 1974a: 64, 1982b: 1198–1199.

torneutes Blandford 1905: 292. Holotype, sex?; Chilpancingo, Guerrero, Mexico; BMNH, London. Figures: Blandford 1905: pl. 9. Distribution: North America (Guerrero at 1300 m in Mexico).

References: **(ds)** Blackwelder 1947: 783; Ferrer 1942; Hagedorn 1910d: 95; Kleine 1914b: 354; Wood, S. L. 1982b: 1201. **(tx)** Blandford 1905: 292; Hagedorn 1910a: 139; Schedl 1940a: 359; Wood, S. L. 1967d: 55, 1982b: 1201.

truncatorus Schedl 1950i: 175. Syntypes ♂; Brazil, Nova Teutonia; Schedl Collection in NHMW, Wien, and Plaumann Collection.

Distribution: South America (Brazil).

Notes: (1) Schedl 1979c: 257 (corrects spelling, citation of holotype invalid).

References: **(ds)** Schedl 1967d: 4; Wood, S. L. 1982b: 1201. **(tx)** Schedl 1950i: 175, 1979c: 256; Wood, S. L. 1982b: 1201.

ursus Schedl 1934c: 37. Holotype ♀?; San Jose, Costa Rica, 1000–1500 m; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica).

References: **(ds)** Blackwelder 1947: 783; Wood, S. L. 1982b: 1198. **(tx)** Schedl 1934c: 37, 1979c: 262; Wood, S. L. 1982b: 1198.

vagabundus (Schedl) 1966f: 124 (*Cosmocorynus*). Holotype ♀; Bolivien; Schedl Collection in NHMW, Wien.

Distribution: South America (Bolivia).

References: **(ds)** Schedl 1966f: 80. **(tx)** Schedl 1966f: 80, 124, 1979c: 263.

Genus *Gnatharus* Wood & Yin

GNATHARUS WOOD & YIN 1986: 463. Type-species: *Gnatharus tibetensis* Wood & Yin, original designation.

Notes: (3) This is the only member of the subtribe Corthylina that occurs naturally in an area outside of America.

References: **(hb)** Wood, S. L. 1986a: 99. **(ds)** Wood, S. L. 1986a: 99. **(tx)** Wood, S. L. 1986a: 99; Wood, S. L. & Yin 1986: 463.

tibetensis Wood & Yin 1986: 463. Holotype ♀; Medog, Xizang [Tibet], China; IZAS, Beijing. Distribution: Asia (Xizang [Tibet] in China). References: **(tx)** Wood, S. L. & Yin 1986: 463.

Genus *Monarthrum* Kirsch

MONARTHNUM KIRSCH 1866: 213. Type-species: *Monarthrum chapuisi* Kirsch, monobasic.

Corthylomimus Ferrari 1867a: 48. Type-species: *Bostrichus fasciatus* Say, subsequent designation by Hopkins 1914: 118. Synonymy: Eichhoff 1869c: 300.

References: **(tx)** Eichhoff 1869c: 297–301; Ferrari 1867a: 48; Hagedorn 1910d: 92; Hopkins 1914: 118; LeConte 1876: 153.

Cosmocorynus Ferrari 1867a: 62. Type-species:

Cosmocorynus cristatus Ferrari, monobasic. Synonymy: LeConte 1876: 348.

References: **(tx)** Eggers 1937a: 85; Eichhoff 1869c: 297–301; Ferrari 1867a: 62; Hagedorn 1910d: 92; LeConte 1876: 348; Wood, S. L. 1966b: 19.

Pterocyclon Eichhoff 1869a: 276. Type-species: *Pterocyclon laterale* Eichhoff, subsequent designation by Hopkins 1914: 128, neotype designated for type-species by Wood 1966b: 25. Synonymy: Eichhoff 1869c: 299.

References: **(cn)** Brooks 1917: 1–15; Drake 1921: 201–205; Swabey 1935: 1–35. **(ds)** Swaine 1909: 141. **(tx)** Beal & Massey 1945: 59, 102; Blackman 1922b: 76, 80; Blandford 1898c: 6, 1904: 268–286; Eggers 1935a: 75–77, 153; Eichhoff 1869a: 276, 1869c: 297–301, 1878b: 437; Hagedorn 1910a: 147–149; Schedl 1935h: 343, 1952k: 161, 1959m: 545–557; Swaine 1918a: 45, 86–87; Wood, S. L. 1966b: 19.

Anchonocerus Eichhoff 1878b: 67, 431. Type-species: *Anchonocerus rufipes* Eichhoff = *Pterocyclon ingens* Eichhoff, monobasic. Synonymy: Wood 1977d: 512.

References: **(tx)** Blandford 1905: 250, 266; Eggers 1935a: 329; Eichhoff 1878b: 67, 431; Hagedorn 1910d: 95; Wood, S. L. 1977d: 512.

Phthorius Eichhoff 1878b: 67, 433. Type-species: *Pterocyclon ingens* Eichhoff, monobasic. Synonymy: Eggers 1935a: 329.

References: **(tx)** Eggers 1935a: 329; Eichhoff 1878b: 67, 433.

Trypocranus Eichhoff 1878b: 67, 435. Type-species: *Trypocranus cincinnatus* Eichhoff, monobasic. Synonymy: Wood 1982b: 1206.

References: Eichhoff 1878b: 67, 435; Eggers 1935a: 76, 329; Schedl 1952k: 161; Wood, S. L. 1982b: 1206.

Eupteroxylon Eggers 1936a: 392. Type-species: *Eupteroxylon comatum* Eggers, monobasic. Synonymy: Wood 1986a: 266.

References: **(tx)** Eggers 1936a: 392–393; Wood, S. L. 1986a: 266.

Keys: Blandford 1904: 269, Wood 1982b: 1207.

Notes: (3) Schedl 1939k: 726–727 (*Pterocyclon perduratum*, nomen nudum).

References: **(ay)** Nobuchi 1969a: 67. **(cn)** Ebeling & Pence 1953: 31; Howard 1897: 84–87; Hubbard 1897: 9–30; Snyder 1927: 1–46. **(hb)** Bright & Stark 1973: 94; Wood, S. L. 1982b: 1206, 1986a: 99. **(ds)** Bright & Stark 1973: 94; Swaine 1909: 142; Wood, S. L. 1982b: 1206, 1986a: 99. **(tx)** Arnett 1960: 1045, 1968: 1045; Bright 1972d: 101, 1976d: 188–189; Bright & Stark 1973: 94; Chamberlin 1939: 279–283, 1958: 128–129; Dodge 1938: 14, 18, 37; Eggers 1935a: 75–78, 1936a: 392; Eichhoff 1869c: 297–301; Ferrari 1867a: 104–115; Kirsch 1866: 213, 1868: 214; LeConte 1876: 347; LeConte & Horn 1883: 517; Swaine 1918a: 86; Wood, S. L. 1964: 19, 1966b:

- 19, 1967d: 37–57, 1977d: 512, 1982b: 1206, 1986a: 99.
- aberrans** Schedl 1977e: 46. Holotype ♂; El Salvador, Metapan, 1600–2200 m; Schedl Collection in NHMW, Wien.
Distribution: North America (El Salvador).
Hosts: *Quercus* sp.
References: (tx) Schedl 1977e: 46.
- abruptum** (Nunberg) 1962: 233 (*Microcorthyus*). Holotype ♂; Estacao Biologica de Boraceia, Salesopolis, Estado de Sao Paulo, Brasilien; DZSA, Sao Paulo.
Distribution: South America (Brazil).
References: (tx) Nunberg 1962: 233.
- adjunctum** (Schedl) 1967d: 15 (*Pterocyclon*). Holotype ♀; Brasilien, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1967d: 15–16, 1979c: 12.
- amphicranoides** (Schedl) 1963d: 225 (*Pterocyclon*). Holotype, sex?; Brasilien: Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1963c: 166, 1963d: 225, 1979c: 18.
- appendicinum** (Schedl) 1967d: 14 (*Pterocyclon*). Holotype ♂; Brasilien, Nova Teutonia, Santa Catarina; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Schedl 1976a: 56. (tx) Schedl 1967d: 14–15.
- bicallosum** (Schedl) 1939j: 577 (*Pterocyclon*). Holotype, sex?; Brasilien; Schedl Collection in NHMW, Wien.
Figures: Schedl 1939j: 578.
Distribution: South America (Brazil).
Hosts: *Cedrela fissilis*.
References: (ds) Blackwelder 1947: 782; Schedl 1966f: 91, 1976a: 56; Schonherr & Pedrosa-Macedo 1981: 53. (tx) Schedl 1939j: 577–578, 1950i: 164–165, 1951h: 285, 1979c: 37.
- bicavum** Wood 1967d: 51. Holotype ♀; Laguna Santa Maria, Nayarit, Mexico, 1000 m; Wood Collection.
Figures: Wood 1967a: 46, 1982b: 1219 (declivity).
Distribution: North America (Nayarit in Mexico).
Hosts: *Quercus* sp.
References: (hb) Wood, S. L. 1982b: 1234. (ds) Wood, S. L. 1982b: 1234. (tx) Wood, S. L. 1967a: 46, 1967d: 51–52, 1982b: 1234.
- bicolor** (Ferrari) 1867a: 56 (*Corthyus*). Holotype ♀; Venezuela [presumably Colonia Tovar]; NHMW, Wien.
Distribution: South America (Venezuela).
Hosts: *Clusia* sp., etc.
References: (ds) Blackwelder 1947: 782; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 92; Kleine 1914b: 340. (tx) Ferrari 1867a: 54, 56; Wood, S. L. 1974d: 283.
- signatus** Ferrari 1867a: 56 (*Corthyus*). Syntypes ♂; Venezuela [presumably Colonia Tovar]; NHMW, Wien. Synonymy: Wood 1974d: 283.
References: (ds) Gemminger & Harold 1872: 2680. (tx) Ferrari 1867a: 54, 56; Wood, S. L. 1974d: 283.
- edentatus** Hagedorn 1903b: 549 (*Phthorinus*). Holotype ♂; Colonia Tovar, Venezuela; NHMW, Paris. Synonymy: Wood 1974d: 284.
Notes: (3) Eggers 1935a: 82 (redescribed).
References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 158, 1914b: 340. (tx) Eggers 1929e: 51, 1933b: 3, 1935a: 76–83; Hagedorn 1903b: 549, 1910a: 142; Wood, S. L. 1974d: 284.
- bicoloratum** Wood 1974d: 284. Holotype ♂; Mile 10 on Bartica-Potaro Road, British Guiana; BMNH, London, automatic.
Distribution: South America (Guyana).
References: (tx) Wood, S. L. 1974d: 284.
- bicolor** Wood 1968b: 4. Holotype ♂; Mile 10 on Bartica-Potaro Road, British Guiana; BMNH, London, preoccupied by Ferrari 1867.
References: (ds) Hagedorn 1910d: 92; Kleine 1913b: 156. (tx) Hagedorn 1910a: 148; Wood, S. L. 1968b: 4, 1974d: 284.
- bidens** (Blandford) 1904: 277 (*Pterocyclon*). Holotype ♂; Volcan de Chiriqui, Panama; BMNH, London.
Distribution: North America (Costa Rica/ Chiapas in Mexico/ Panama).
Hosts: *Conostegia oerstediana*.
References: (hb) Wood, S. L. 1982b: 1241. (ds) Blackwelder 1947: 782; Bright 1972a: 1385; Hagedorn 1910d: 92; Kleine 1913b: 156, 1914b: 367; Wood, S. L. 1982b: 1241. (tx) Blandford 1904: 277; Hagedorn 1910a: 148; Wood, S. L. 1982b: 1241.
- bidentatum** Wood 1974b: 142. Holotype ♂; 9 km NE Teziutlan, Puebla, Mexico; Wood Collection.
Distribution: North America (Puebla in Mexico).
Hosts: *Alnus* sp., and a tree limb.
References: (hb) Wood, S. L. 1982b: 1240. (ds) Wood, S. L. 1982b: 1240. (tx) Wood, S. L. 1974b: 142, 1982b: 1240.
- bifoveatum** Wood 1974b: 137. Holotype ♀; San Jose, San Jose, Costa Rica; Wood Collection.
Distribution: Antilles Islands (Dominican Republic in Hispanola [?]), North America (Costa Rica), South America (Venezuela).
Hosts: *Spondias purpurea*, and a tree limb.
References: (hb) Wood, S. L. 1982b: 1229. (ds) Bright 1985c: 176; Wood, S. L. 1982b: 1229. (tx) Bright 1985c: 176; Wood, S. L. 1974b: 137, 1982b: 1229.

- bispinum** (Blandford) 1905: 251 (*Pterocyclon*).
Holotype ♂: Bugaba, Chiriqui, Panama, 800–1500 ft.; BMNH, London.
Figures: Blandford 1905: pl. 9.
Distribution: North America (Costa Rica/ Panama).
Hosts: Log.
References: (ds) Blackwelder 1947: 782; Hagedorn 1910d: 92; Kleine 1913b: 156, 1914b: 342, 367; Wood, S. L. 1982b: 1221. (tx) Blandford 1905: 251; Hagedorn 1910a: 148; Schedl 1952a: 459; Wood, S. L. 1982b: 1221.
- boliviensis** Wood 1989: 178. Holotype ♀; Bolivia, Yungas del Palmar, 2000 m; Schedl Collection in NHMW, Wien, automatic.
Distribution: South America (Bolivia).
References: (tx) Wood, S. L. 1989: 178.
- bolivianum** Schedl 1970e: 103 (*Cosmocorynus*).
Holotype ♀; Bolivia, Yungas del Palmar, 2000 m; Schedl Collection in NHMW, Wien, preoccupied by Eggers 1935.
References: (tx) Schedl 1970e: 103; Wood, S. L. 1989: 178.
- brasilensis** (Schedl) 1936i: 107 (*Anchonicerus*).
Holotype ♂; Nova Teutonia, S. Catharina, Brasilien; Schedl Collection in NHMW, Wien.
Figures: Pedrosa-Macedo & Schonherr 1985: 57.
Distribution: South America (Brazil).
Notes: (1) Schedl 1959m: 553 (to *Pterocyclon*, =*Monarthrum*). (3) Schedl 1959m: 553 (described female).
References: (ds) Blackwelder 1947: 783; Pedrosa-Macedo & Schonherr 1985: 57; Schedl 1966f: 92, 1967d: 4, 1972g: 46, 1976a: 56. (tx) Pedrosa-Macedo & Schonherr 1985: 57; Schedl 1936i: 107, 1951h: 285, 1952k: 161, 1959m: 553, 1979c: 44.
- brittoni** (Schedl) 1970e: 101 (*Pterocyclon*). Holotype ♂; Jamaica: Corn Puss Gap, St. Thomas-Portland Parish line, 2200 ft.; Schedl Collection in NHMW, Wien.
Figures: Bright 1972d: 59, 95.
Distribution: Antilles Islands (Jamaica).
References: (ds) Bright 1972d: 101, 1985c: 176. (tx) Bright 1972d: 59, 95, 101, 1985c: 176; Schedl 1957a: 194, 1970e: 101, 1979c: 48.
- brunneum** (Eichhoff) 1869a: 278 (*Pterocyclon*).
Holotype, sex?; Columbia; Hamburg Museum, lost.
Distribution: South America (Colombia).
References: (ds) Blackwelder 1947: 782; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 92; Kleine 1914b: 342. (tx) Eichhoff 1869a: 278, 1869c: 301, 1878b: 452; Hagedorn 1910a: 148.
- carinatum** Wood 1974b: 139. Holotype ♂; Cerro de la Muerte, San Jose, Costa Rica, 2600 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree bole.
References: (hb) Wood, S. L. 1982b: 1237. (ds) Wood, S. L. 1982b: 1237. (tx) Wood, S. L. 1974b: 139, 1982b: 1237.
- carinulum** Wood 1974b: 144. Holotype ♂; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Miconia caudata*, *Phoebe mexicana*, and a liana.
References: (hb) Wood, S. L. 1982b: 1243. (ds) Wood, S. L. 1982b: 1243. (tx) Wood, S. L. 1974b: 144, 1982b: 1243.
- chapuisi** Kirsch 1866: 213. Holotype ♂; Bogota, Colombia; MNB, Berlin.
Distribution: South America (Bolivia/ Colombia).
Notes: (3) Eggers 1935a: 79 (redescribed).
References: (ds) Blackwelder 1947: 783; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 92; Kleine 1914b: 342. (tx) Eggers 1929e: 51, 1935a: 76–83; Eichhoff 1869a: 277, 1869c: 299, 301, 1878b: 440; Ferrari 1967b: 105; Hagedorn 1910a: 148; Hopkins 1914: 125; Kirsch 1866: 213, 1868: 214; Wood, S. L. 1989: 175.
- bolivianum** Eggers 1935a: 80. Holotype ♀; Bolivia (Cochabamba); USNM, Washington.
Synonymy: Wood 1989: 175.
References: (ds) Blackwelder 1947: 783. (tx) Anderson, W. H. & Anderson 1971: 7; Eggers 1935a: 80; Schedl 1950i: 176, 1958c: 1, 1979c: 42; Wood, S. L. 1989: 175.
- cinnatum** (Eichhoff) 1878b: 435 (*Trypocranus*).
Holotype ♀; America septentrionalis (Bogota); Hamburg Museum, lost.
Distribution: South America (Colombia).
References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 92; Kleine 1914b: 342. (tx) Eggers 1935a: 77–78; Eichhoff 1878b: 435; Hagedorn 1910a: 148; Hopkins 1914: 131.
- comatum** (Eggers) 1936a: 393 (*Eupteroxylon*).
Holotype ♀; Bolivia (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia).
References: (ds) Blackwelder 1947: 783. (tx) Anderson, W. H. & Anderson 1971: 9; Eggers 1936a: 393–394.
- consimile** (Blandford) 1904: 275 (*Pterocyclon*).
Holotype ♀; Volcan de Chiriqui, Panama, 25–4000 ft.; BMNH, London.
Distribution: North America (Costa Rica/ Panama).
Hosts: *Ochroma* sp.
References: (hb) Wood, S. L. 1982b: 1236. (ds) Blackwelder 1947: 782; Hagedorn 1910d: 92; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1236. (tx) Blandford 1904: 275; Hagedorn 1910a: 148; Wood, S. L. 1974d: 284, 1982b: 1236.
- pseudosulcatum** Schedl 1935h: 348 (*Pterocyclon*).
Holotype ♀; Vara Blanca, Heredia, Costa Rica; Schedl Collection in NHMW, Wien. Synonymy: Wood 1974: 284.
References: (ds) Blackwelder 1947: 783. (tx)

Schedl 1935h: 348, 1979c: 202; Wood, S. L. 1974d: 284.

conversum Wood 1974b: 138. Holotype ♂; 6 km W Tepic, Nayarit, Mexico, 1000 m; Wood Collection. Distribution: North America (Jalisco, Nayarit in Mexico).

Hosts: Tree limb.

References: (hb) Wood, S. L. 1982b: 1236. (ds) Atkinson & Equihua 1985c: 362; Wood, S. L. 1982b: 1236. (tx) Wood, S. L. 1974b: 138, 1982b: 1236.

corculum Wood 1974b: 146. Holotype ♂; Turrialba, Cartago, Costa Rica, 700 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: *Theobroma cacao*, and a liana.

References: (hb) Wood, S. L. 1982b: 1245. (ds) Wood, S. L. 1982b: 1245. (tx) Wood, S. L. 1974b: 146, 1982b: 1245.

cordatum (Blandford) 1904: 279 (*Pterocyclon*). Holotype ♀; Quiche Mts., Guatemala; BMNH, London.

Distribution: North America (Guatemala/ Panama).

Hosts: *Quercus* sp.

References: (hb) Wood, S. L. 1982b: 1223. (ds) Blackwelder 1947: 782; Hagedorn 1910d: 92; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1223. (tx) Blandford 1904: 279; Hagedorn 1910a: 148; Schedl 1935h: 349, 1952a: 460; Wood, S. L. 1982b: 1223.

corditicum Wood 1974b: 135. Holotype ♂; 30 km E Tulancingo, Hidalgo, Mexico, 2300 m; Wood Collection.

Distribution: North America (Hidalgo, Puebla in Mexico).

Hosts: *Quercus* sp.

References: (hb) Wood, S. L. 1982b: 1222. (ds) Atkinson & Equihua 1988: 92; Wood, S. L. 1982b: 1222. (tx) Wood, S. L. 1974b: 135, 1982b: 1222.

costatum (Eggers) 1937a: 85 (*Brachyspartus*). Syn-types, sex?; Brasilien (Bahia); BMNH, London. Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 784. (tx) Anderson, W. H. & Anderson 1971: 10; Eggers 1937a: 85–86; Schedl 1979c: 67.

cristatum (Ferrari) 1867a: 64 (*Cosmocorynus*). Holotype ♀; Venezuela [presumably Colonia Tovar]; NHMW, Wien.

Distribution: South America (Venezuela).

References: (ds) Gemminger & Harold 1872: 2693. (tx) Eggers 1937a: 84–85; Eichhoff 1868d: 419, 1869c: 301; Ferrari 1867a: 64; Hopkins 1914: 119; Schedl 1979c: 70; Wood, S. L. 1966b: 19. (ms) Eichhoff 1868d: 419.

dentatulum Wood 1989: 178. Holotype ♂; Bolivien (Cochabamba); USNM, Washington, automatic. Distribution: South America (Bolivia).

References: (tx) Wood, S. L. 1989: 178.

dentatum Eggers 1935a: 84. Holotype ♂; Bolivien

(Cochabamba); USNM, Washington, preoccupied by Eggers 1931.

References: (ds) Blackwelder 1947: 783; Schedl 1970e: 91; Wood, S. L. 1982b: 1216. (tx) Anderson, W. H. & Anderson 1971: 11; Eggers 1935a: 84; Schedl 1970e: 97, 1979c: 77; Wood, S. L. 1982b: 1216, 1989: 178.

dentatum (Eggers) 1931a: 19 (*Amphicranus*). Holotype ♂; Mineral del Chico, Hidalgo, Mexico; MNB, Berlin.

Distribution: Antilles Islands (Guadeloupe), North America (Hidalgo in Mexico).

References: (ds) Blackwelder 1947: 783; Schedl 1970e: 91. (tx) Eggers 1931a: 19; Schedl 1940a: 359; Wood, S. L. 1982b: 1216.

denticulatum Wood 1981: 122. Holotype ♂; Guadeloupe (Trois Rivières); Eggers Collection, in NHMW, Wien, automatic.

Distribution: Antilles Islands (Guadeloupe).

References: (ds) Bright 1985c: 176. (tx) Bright 1985c: 176; Wood, S. L. 1981: 122.

dentatum Eggers 1941a: 101 (*Pterocyclon*). Holotype ♂; Guadeloupe (Trois Rivières); Eggers Collection, in NHMW, Wien, preoccupied by Eggers 1931.

Notes: (3) Schedl 1970e: 97 (described female).

References: (tx) Eggers 1941a: 101; Schedl 1940a: 359, 1970e: 97.

dentigerum (LeConte) 1868: 154 (*Cryphalus*). Holotype ♂; middle California [USA]; MCZ, Cambridge.

Figures: Bright & Stark 1973: 163.

Distribution: North America (Baja California Norte in Mexico/ Arizona, California, Oregon, W Texas in USA).

Hosts: *Quercus agrifolia*, *Q.* spp.

Notes: (1) The original (masculine) spelling was *dentiger*.

References: (ay) Francke-Grosman 1956b. (cn) Chamberlin 1939: 281; Doane & Gilliland 1929: 918–920; Doane et al. 1936; Keen 1938: 147; Linsley & MacLeod 1942: 601; Michelbacher & Ortega 1958: 62; Swaine 1918a: 86. (ec) Chamberlin 1939: 281; Francke-Grosman 1956b; Keen 1938: 147; Slaby 1947: 377; Steinhilber 1946: 404; Webb 1945: 65. (hb) Bright & Stark 1973: 95; Chamberlin 1939: 281; Chittenden 1893a: 393; Doane & Gilliland 1929; Doane et al. 1936; Keen 1938: 147; Swaine 1918a: 86; Wood, S. L. 1982b: 1229. (ds) Bright & Stark 1973: 95; Chamberlin 1939: 281, 1958: 128; Furniss, R. L. & Carolin 1977: 398; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 92; Henshaw 1882: 268, 1885: 147; Keen 1929a: 28, 1938: 147; Kleine 1913b: 157, 1914b: 391, 1934a: 171; Leng 1920: 339; Patterson & Hatch 1945: 152; Rivers 1886: 66; Swaine 1909: 142; Wood, S. L. 1959a: 62, 1972a: 428, 1982b: 1229. (tx) Bright & Stark 1973: 163; Chamberlin 1939: 281; Eichhoff 1878b: 449;

- Hagedorn 1910a: 148; Keen 1929a: 28; LeConte 1868: 154, 1876: 348–349; Swaine 1909: 142, 1918a: 86; Wood, S. L. 1959a: 62, 1972a: 428, 1982b: 1229.
- desum (Wood)** 1967d: 52 (*Microcorthylus*). Holotype ♂: 25 km E Morelia, Michoacan, Mexico, 2500 m; Wood Collection.
Figures: Wood 1967d: 46, 1982b: 1219 (declivity).
Distribution: North America (Chihuahua, Michoacan in Mexico).
Hosts: *Quercus* spp.
References: (**hb**) Atkinson & Equihua 1985a: 101; Atkinson et al. 1986: 49; Burgos & Saucedo 1983: 136; Wood, S. L. 1982b: 1238. (**ds**) Atkinson & Equihua 1985a: 101, 1985c: 362; Atkinson et al. 1986: 49; Burgos & Saucedo 1983: 136; Wood, S. L. 1982b: 1238. (**tx**) Wood, S. L. 1967d: 46, 52, 1982b: 1238.
- difficile (Blandford)** 1904: 276 (*Pterocyclon*). Holotype ♀; Volcan de Chiriqui, Chiriqui, Panama; BMNH, London.
Distribution: North America (Costa Rica/ Panama).
Hosts: Small tree.
References: (**ds**) Blackwelder 1947; Hagedorn 1910d: 92; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1239. (**tx**) Blandford 1904: 276; Hagedorn 1910a: 148; Wood, S. L. 1982b: 1239.
- dimidiatum (Ferrari)** 1867a: 57 (*Corthylus*). Syn-types, sex?; Venezuela; NHMW, Wien.
Distribution: North America (Costa Rica/ Panama), South America (Colombia/ Venezuela).
Hosts: *Alexa imperitricia*, *Croton* sp., *Eschweilera corrugata*, etc.
References: (**ds**) Blackwelder 1947; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 90, 92; Kleine 1913b: 156–157, 1914b: 340, 1934a: 171; Wood, S. L. 1982b: 1227. (**tx**) Eichhoff 1869c: 301; Ferrari 1867a: 54, 57, 1867b: 105; Hagedorn 1910a: 145, 148; Kirsch 1868: 214; Schedl 1939k: 726–727; Wood, S. L. 1979b: 135, 1982b: 1227.
- moritzi** Schedl 1939k: 727 (*Pterocyclon*). Holotype ♂; Venezuela, 1858, Moritz (Schedl 1979c: 159) [Moritz collected primarily near his home in Colonia Tovar]; Schedl Collection in NHMW, Wien. Synonymy: Wood 1979b: 135. Notes: (3) Schedl 1939k: 727 (cites *perduratum* Schedl, nomen nudum, synonymy).
References: (**tx**) Schedl 1939k: 727, 1954b: 40, 1979c: 159; Wood, S. L. 1979b: 135.
- distans (Schedl)** 1970e: 97 (*Pterocyclon*). Holotype, sex?; Argentina, Misiones, Dept. Concept. Santa Maria; Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina/ Brazil).
References: (**ds**) Schedl 1970e: 97, 1976a: 56. (**tx**) Schedl 1970e: 97, 1979c: 83.
- dubiosum (Schedl)** 1976a: 82 (*Pterocyclon*). Holotype, sex?; Caruaru, Pernambuco [Brazil]; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1976a: 82.
- duplocordatum Eggers** 1935a: 86. Holotype ♂; Bolivien (Cochabamba); MNHN, Paris.
Distribution: South America (Bolivia).
References: (**ds**) Blackwelder 1947: 783. (**tx**) Eggers 1935a: 86.
- durum (Schedl)** 1972e: 74 (*Pterocyclon*). Holotype, sex?; Brasiliën, Represa, Rio Grande, Guanabara; Schedl Collection in NHMW, Wien.
Figures: Pedrosa-Macedo & Schonherr 1985: 74.
Distribution: South America (Brazil).
References: (**ds**) Pedrosa-Macedo & Schonherr 1985: 58. (**tx**) Pedrosa-Macedo & Schonherr 1985: 58, 74; Schedl 1972e: 74, 1979c: 86.
- egenum (Blandford)** 1904: 280 (*Pterocyclon*). Holotype ♀; San Juan, Verapaz, Guatemala; BMNH, London.
Distribution: North America (Costa Rica/ Guatemala), South America (Brazil/ Colombia).
Hosts: Leguminous trees.
References: (**ec**) Wichmann 1955a: 107. (**hb**) Atkinson & Equihua 1985c: 361; Wood, S. L. 1982b: 1226. (**ds**) Atkinson & Equihua 1985c: 361; Blackwelder 1947: 782; Hagedorn 1910d: 92; Kleine 1913b: 157, 1914b: 367; Schedl 1966f: 92, 1972g: 46, 1973d: 161; Wichmann 1955a: 107; Wood, S. L. 1982b: 1226. (**tx**) Blandford 1904: 280; Hagedorn 1910a: 148; Schedl 1935h: 347, 1939e: 68, 1939k: 726, 1940c: 208, 1950i: 167; Wood, S. L. 1974d: 284, 1982b: 1226.
- bisetosus** Schedl 1954b: 38 (*Brachyspartus*). Lectotype ♀; Rio Caraguata, Matto Grosso, Brazil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 41. Synonymy: Wood 1974d: 284.
References: (**tx**) de Ruette 1970: 98; Schedl 1954b: 38, 1979c: 41; Wood, S. L. 1966b: 18, 24, 1974d: 284, 1979c: 41.
- elegans (Eichhoff)** 1869a: 277 (*Pterocyclon*). Holotype, sex?; Brasilia; Hamburg Museum, lost.
Distribution: South America (Brazil).
References: (**ds**) Blackwelder 1947: 783; Hagedorn 1910d: 92; Kleine 1913b: 157, 1914b: 337. (**tx**) Eggers 1935a: 78; Eichhoff 1869a: 277, 1869c: 301, 1878b: 437; Hagedorn 1910a: 148.
- eumerum (Schedl)** 1952a: 459 (*Pterocyclon*). Syn-types 2 ♂; Argentina, Misiones, Dep. Concep., Sta. Maria; 1 in Schedl Collection in NHMW, Wien, and 1 in Viana Collection.
Distribution: South America (Argentina).
Notes: (1) Schedl 1979c: 92 (citation of holotype invalid).
References: (**tx**) Schedl 1952a: 459, 1979c: 92.
- excavatus (Eggers)** 1935a: 330 (*Anchonocerus*). Holotype ♂; Bolivien (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia).
References: (**ds**) Blackwelder 1947: 783. (**tx**) Anderson, W. H. & Anderson 1971: 13; Eggers 1935a: 330.

exornatum (Schedl) 1939j: 575 (*Pterocyclon*).
Holotype ♂; Colonia (vermutlich Mexico); Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica/ Veracruz in Mexico), South America (Colombia/ Venezuela).

Hosts: *Alexia imperitricia*, *Coffea arabica*, *Ficus* sp.

References: (hb) Wood, S. L. 1982b: 1237. (ds) Blackwelder 1947: 782; Ferrer 1942; Wood, S. L. 1982b: 1237. (tx) Schedl 1939j: 575, 1939k: 727, 1940a: 359, 1950a: 167, 1963c: 167, 1979c: 94; Wood, S. L. 1966b: 25, 1982b: 1237.

gracilicornum Schedl 1939j: 576 (*Pterocyclon*).
Holotype ♂; Mexico, Jalapa; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 25.
References: (ds) Blackwelder 1947: 782; Ferrer 1942. (tx) Schedl 1939j: 576, 1939k: 727, 1940a: 359, 1979c: 107; Wood, S. L. 1966b: 25.

fasciatum (Say) 1826: 255 (*Bostrichus*). Syntypes, sex?, Sinepuxent Bay, New York [USA]; lost.

Figures: Blackman 1922b: pl. 10, fig. 53, Bright 1976d: 189, Roling & Kearby 1974: 1303, 1305.

Distribution: North America (Arkansas, Connecticut, District of Columbia, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Mississippi, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, West Virginia, Wisconsin in USA).

Hosts: *Acer rubrum*, *Carya* spp., *Castanea dentata*, *Liquidambar styraciflua*, *Mimosa* sp., *Nyssa* sp., *Pinus* sp., *Prunus* sp., *Quercus alba*, *Q. digitata*, *Q. rubra*, *Q.* spp.

References: (ay) Batra 1963b: 227; Hopkins 1894g; Lowe, R. E., Giese, & McManus 1967: 451; Roling & Kearby 1974; Schneider 1976. (bv) Atkinson, Foltz, & Connor 1988; Dethier 1947; Haack, R. A., Benjamin, & Haack 1983; Hosking & Knight 1975; Kovach 1986a; Roling & Kearby 1975a, 1975b, 1977; Turnbow & Franklin 1980. (cn) Anonymous 1960q, 1964h, 1973g, 1977f; Beal et al. 1952; Blackman 1950; Brooks 1916: 14, 1917: 1–15; Chamberlin 1939: 281; Christian 1939; Comstock 1880: 274–275; Davis 1895; Doane et al. 1936; Dorsey & Leech 1956: 220–224; Dorsey et al. 1953: 419–420; Felt 1906: 751; Forbes 1894: 23; Gagne & Kearby 1978: 1013; Gahan 1906: 81; Garman 1905: 68–74; Gossard 1911: 206, 1913: 61, 1914: 11; Herrick 1935: 43; Himelick & Curl 1958: 539–541; Hopkins 1899c: 347, 442, 1940: 45; Howard 1897: 85; Hubbard 1897b: 27–28; Kleine 1932a: 304; Kovach 1986a; Kovach & Gorsuch 1985; Lugger 1899a: 308; Packard 1890: 328–520; Quaintance & Siegler 1922: 66, 1931b: 75; Roling & Kearby 1973, 1977; Swaine 1918a: 86. (ec) Batra 1963b: 216; Batra & Michie 1963: 475; Chamberlin 1939: 281; Currie

1905; Felt 1906: 751; Haack, R. A., Benjamin, & Haack 1983; Hagedorn 1907c; Hirschmann 1972a; Jewell 1956: 251; Lowe, R. E., Giese, & McManus 1967: 451; Roling & Kearby 1974, 1977; Schneider 1963: 661, 1976; Slaby 1947: 378; Steinhaus 1946: 404, 1949: 92; Verrall 1943: 135–137, 142–143; Webb 1945: 68; Wertz, Skelly, & Merrill 1971. (hb) Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 267; Batra 1963b: 221; Beal & Massey 1945: 102–104; Blackman 1922b, 1950; Chamberlin 1939: 281; Chittenden 1890, 1893a: 391; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Felt 1906: 751; Forbes 1894: 23; Haack, R. A., Benjamin, & Haack 1983; Herrick 1935: 43; Hopkins 1894g, 1899c: 442; Hubbard 1897b: 27; Kleine 1932a: 304; Kovach 1986a; Lugger 1899a: 308; Ostmark 1968; Packard 1890: 328; Pierce, W. D. 1907: 290; Roling & Kearby 1973, 1974a, 1974b; Swaine 1918a: 86. (ds) Anonymous 1926c: 517, 1964h, 1977f; Atkinson et al. 1991: 162; Beal & Massey 1945: 102–104; Beaulne 1956; Blackman 1922b: 81–82, 1950; Blandford 1895b; Blatchley & Leng 1916: 641; Bright 1976d: 191; Britton 1920a; Chamberlin 1925, 1939: 281; Chittenden 1890; Cola 1973; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66; Dodge 1938; Dolphin, Mouzin, & Cleveland 1972: 1600; Droz 1955: 370; Frost & Dietrich 1929; Gagne & Kearby 1978: 1013; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 92; Hamilton 1895a: 346, 378; Henshaw 1885: 147; Hoffmann 1940: 60, 1942: 12; Hopkins 1893a: 128, 1893b: 277; Hubbard & Schwarz 1878a: 665; Kirk 1969, 1970; Kleine 1913b: 157, 1914b: 399, 1932a: 304, 1934a: 171; Lacordaire 1866: 385; Leng 1920: 339; Leonard 1928: 517; Melsheimer 1806: 8, 1853: 87; Ostmark 1968; Roling & Kearby 1974; Schneider & Farrier 1969: 413; Smith, J. B. 1900: 361, 1910: 401; Swaine 1909: 143; Turnbow & Franklin 1980; Wood, S. L. 1982b: 1235. (tx) Beal & Massey 1945: 102–104; Blackman 1922b: 81–82; Blandford 1895b; Blatchley & Leng 1916: 641; Bright 1976d: 189, 191; Chamberlin 1939: 281; Dodge 1938: 28; Eggers 1935a: 75; Eichhoff 1868d: 419, 1869a: 277, 1869c: 297–301, 1878b: 442–444; Erichson 1836: 64, 79; Ferrari 1867a: 48–49; Hagedorn 1910a: 148; Hopkins 1914: 118; Hubbard 1897b: 27; Jacques 1951: 352; Lacordaire 1866: 385; LeConte 1868: 153, 1876: 348, 1878a: 468, 665; Lucas 1920: 556; Motschulsky 1856: 10; Roling & Kearby 1974: 1303, 1305; Say 1826: 253–255; Swaine 1909: 143, 1918a: 86; Wood, S. L. 1982b: 1235; Zimmermann 1868: 143. (ms) Eichhoff 1868d: 419; Lucas 1920: 556.

simile Eichhoff 1869a: 277 (*Pterocyclon*). Syntypes, sex?, America bor. [USA]; Hamburg Museum, lost. Synonymy: LeConte 1876: 348. References: (ds) Gemminger & Harold 1872: 2680; Leng 1920: 339; Swaine 1909: 142. (tx)

- Eichhoff 1869a: 277, 1869c: 301; LeConte 1876: 348; Swaine 1909: 142, 1918a: 86.
gracile Eichhoff 1875b: 444 (*Pterocyclon*). Syn-
 types, sex?: Tennessee, Pennsylvania, Carolina
 [USA]; Hamburg Museum, lost. Synonymy:
 Eichhoff 1878b: 444.
 References: (ds) Hagedorn 1910d: 93; Kleine
 1913b: 157, 1914b: 393; Leng 1920: 339;
 Swaine 1909: 142. (tx) Eichhoff 1878b: 444;
 Hagedorn 1910a: 148; Swaine 1909: 142.
- fastigiorum* Wood** 1974b: 141. Holotype ♀;
 Tapanti, Cartago, Costa Rica, 1300 m; Wood
 Collection.
 Distribution: North America (Costa Rica).
 Hosts: Liana.
 References: (ds) Wood, S. L. 1982b: 1240. (tx)
 Wood, S. L. 1974b: 141, 1982b: 1240.
- fenestratum* Eggers** 1935a: 85. Holotype ♀;
 Bolivien (Cochabamba): MNHN, Paris.
 Distribution: South America (Bolivia).
 References: (ds) Blackwelder 1947: 783. (tx)
 Eggers 1935a: 85, 1979c: 95.
- ferrarii* (Blandford)** 1905: 284 (*Pterocyclon*). Holo-
 type ♀; Volcan de Chiriqui, Panama; BMNH,
 London.
 Figures: Blandford 1905: pl. 8.
 Distribution: North America (Veracruz in Mexico/
 Panama), South America (Venezuela).
 References: (ds) Blackwelder 1947: 782; Hage-
 dorn 1910d: 92; Kleine 1913b: 157, 1914b: 340,
 367. (tx) Blandford 1905: 284; Hagedorn 1910a:
 148; Wood, S. L. 1982b: 1233.
- fimbriaticorne* (Blandford)** 1905: 285 (*Ptero-
 cyclon*). Holotype ♀; Purula, Alta Verapaz, Gua-
 temala; BMNH, London.
 Figures: Blandford 1905: pl. 8.
 Distribution: North America (Costa Rica/ Gua-
 temala/ Veracruz in Mexico), South America (Brazil/
 Venezuela).
 Hosts: *Erythrina costaricensis*, *Parkinsonia
 aculeata*, *Spondias purpurea*, *Theobroma cacao*.
 References: (hb) Wood, S. L. 1982b: 1232. (ds)
 Atkinson & Equihua 1985c: 362; Blackwelder
 1947; Bright 1972a: 1385; Hagedorn 1910d: 93;
 Kleine 1913b: 157, 1914b: 367; Wood, S. L.
 1982b: 1232. (tx) Blandford 1905: 285; Hagedorn
 1910a: 148; Wood, S. L. 1974d: 285, 1982b: 1232.
turbinatum Schedl 1961i: 230 (*Pterocyclon*).
 Holotype ♂; Cordoba, Veracruz, Mexico; CAS,
 San Francisco. Synonymy: Wood 1974d: 285.
 References: (ds) Schedl 1960a: 75, 1961i: 230,
 1976a: 56; Wood, S. L. 1974d: 285. (tx) Schedl
 1961i: 230, 1979c: 259.
- flohri* (Schedl)** 1950i: 168 (*Pterocyclon*). Holotype
 ♀; Mexico; Schedl Collection in NHMW, Wien.
 Distribution: North America ("Mexico").
 References: (ds) Wood, S. L. 1982b: 1228. (tx)
 Schedl 1950i: 168, 1979c: 98; Wood, S. L. 1982b:
 1228.
- fulgens* Schedl** 1971f: 153. Holotype ♂; Ecuador:
 Quito; UZMC, Copenhagen.
 Distribution: South America (Ecuador).
 References: (tx) Schedl 1971f: 153, 1979c: 101.
- gibber* (Schedl)** 1952a: 460 (*Pterocyclon*). Holotype
 ♀; Argentina, Concepcion; Eggers Collection, in
 NHMW, Wien.
 Distribution: South America (Argentina/ Brazil).
 References: (ds) Schedl 1972g: 46. (tx) Schedl
 1952a: 460, 1979c: 104.
- glabriculum* (Schedl)** 1976a: 82 (*Pterocyclon*).
 Holotype, sex?: Brazil: Represa Rio Grande,
 Guanabara; Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil).
 References: (tx) Schedl 1976a: 82.
- glabrifrons* (Blandford)** 1904: 278 (*Pterocyclon*).
 Lectotype ♀; Quiche Mts., Guatemala, 7000–
 9000 ft.; BMNH, London.
 Distribution: North America (Guatemala).
 References: (ds) Blackwelder 1947: 782; Hage-
 dorn 1910d: 118; Kleine 1913b: 157, 1914b: 367;
 Wood, S. L. 1982b: 1243. (tx) Blandford 1904:
 278; Hagedorn 1910a: 148; Wood, S. L. 1982b:
 1243.
- gnarum* (Schedl)** 1950i: 169 (*Pterocyclon*). Holo-
 type ♀; Mexico; Schedl Collection in NHMW,
 Wien.
 Figures: Bright 1972a: 1384.
 Distribution: North America (Chiapas, Hidalgo,
 Oaxaca in Mexico).
 Hosts: *Quercus* sp.
 References: (hb) Wood, S. L. 1982b: 1220. (ds)
 Wood, S. L. 1982b: 1220. (tx) Schedl 1950i: 169,
 1979c: 106; Wood, S. L. 1974d: 285, 1982b: 1220.
- spinatus* Bright** 1972a: 1383 (*Amphicranus*).
 Holotype ♂; 51 km S Valle Nacional, Oaxaca,
 Mexico; CNCI, Ottawa. Synonymy: Wood
 1974d: 285.
 References: (tx) Bright 1972a: 1383–1384;
 McNamara 1977: 194; Wood, S. L. 1974d: 285.
- gracilentum* (Schedl)** 1972e: 75 (*Pterocyclon*).
 Holotype, sex?: Brasilien, Jacareacanga, Para;
 Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil).
 References: (tx) Schedl 1972e: 75, 1979c: 107.
- gracilior* (Schedl)** 1959m: 553 (*Pterocyclon*). Holo-
 type ♂; Brazil: Nova Teutonia; Schedl Collection
 in NHMW, Wien.
 Distribution: South America (Brazil).
 References: (tx) de Ruelle 1970: 113; Schedl
 1959m: 553, 1979c: 107.
- granulatum* Bright** 1972a: 1382. Holotype ♂; 24
 km S Valle Nacional, Oaxaca, Mexico, 1300 m;
 CNCI, Ottawa.
 Distribution: North America (Oaxaca, Puebla in
 Mexico).
 Hosts: Tree branch.
 References: (ds) Wood, S. L. 1982b: 1244. (tx)

- Bright 1972a: 1377, 1382; McNamara 1977: 196; Wood, S. L. 1982b: 1244.
- hagedorni** (Schedl) 1939k: 727 (*Pterocyclon*). Holotype, sex?; Campoi Guyanae; MNHN, Paris, automatic. Distribution: South America (Guyana). References: (ds) Blackwelder 1947: 783. (tx) Schedl 1939k: 727.
- dimidiatum** Hagedorn 1903b: 550 (*Pterocyclon*). Holotype, sex?; Campoi Guyanae; MNHN, Paris, preoccupied by Ferrari 1867. References: (tx) Hagedorn 1903b: 550; Schedl 1939k: 727.
- hoegei** (Blandford) 1904: 274 (*Pterocyclon*). Holotype, sex?; Jalapa, Veracruz, Mexico; BMNH, London. Figures: Bright 1972a: 1377. Distribution: North America (Oaxaca, Puebla in Mexico). Hosts: *Alnus* sp., *Miconia* sp. References: (hb) Wood, S. L. 1982b: 1225. (ds) Blackwelder 1947: 783; Ferrer 1942; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 353; Wood, S. L. 1982b: 1225. (tx) Blandford 1904: 274; Hagedorn 1910a: 148; Schedl 1940a: 359; Wood, S. L. 1982b: 1225.
- oaxacaensis** Bright 1972a: 1382. Holotype ♂; 51 km S Valle Nacional, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1982b: 1225. References: (tx) Bright 1972a: 1377, 1382; McNamara 1977: 196; Wood, S. L. 1982b: 1225.
- huachucae** Wood 1959a: 61. Holotype ♂; Miller Canyon, Huachuca Mts., Arizona [USA]; USNM, Washington. Distribution: North America (Arizona in USA). Hosts: *Quercus hypoleucoides*. References: (ds) Furniss, R. L. & Carolin 1977: 398; Wood, S. L. 1959a: 61, 1982b: 1217. (tx) Wood, S. L. 1959a: 61, 1982b: 1217.
- infradentatum** Wood 1974b: 145. Holotype ♂; Rincon de Osa, Puntarenas, Costa Rica, 30 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree limb. References: (ds) Wood, S. L. 1982b: 1244. (tx) Wood, S. L. 1974b: 145, 1982b: 1244.
- ingens** (Eichhoff) 1869a: 278 (*Pterocyclon*). Holotype, sex?; Columbia; IRSNB, Brussels. Distribution: South America (Colombia/ Peru). References: (ds) Blackwelder 1947: 783; Gemminger & Harold 1872: 2680; Kleine 1913b: 158, 1914b: 342. (tx) Eggers 1935a: 329–334; Eichhoff 1869a: 278–279, 1869c: 301, 1878b: 433; Hopkins 1914: 127; Lucas 1920: 507. (ms) Lucas 1920: 507.
- rufipes** Eichhoff 1878b: 431 (*Anchonocerus*). Holotype ♀; America meridionalis (Nova Granada); IRSNB, Brussels. Synonymy: Eggers 1935a: 329.
- References: (ds) Hagedorn 1910d: 95; Kleine 1913b: 158, 1914b: 342. (tx) Eggers 1935a: 329; Eichhoff 1878b: 431; Hagedorn 1910a: 141; Hopkins 1914: 116; Lucas 1920: 94. (ms) Lucas 1920: 94.
- assequens** Schedl 1978c: 302 (*Pterocyclon*). Holotype, sex?; Peru, Dep. Cuzco, Marcapata-Thal, Nbl. d. Madre de Dios, 3000 m; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 175. References: (tx) Schedl 1978c: 302; Wood, S. L. 1989: 175.
- insignatum** Wood 1974b: 141. Holotype ♀; Volcan Poas, Heredia, Costa Rica, 2600 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree branch, and a shrub. References: (ds) Wood, S. L. 1982b: 1240. (tx) Wood, S. L. 1974b: 141, 1982b: 1240.
- insolitum** (Schedl) 1976a: 83 (*Pterocyclon*). Holotype, sex?; Brazil: Manaus, Amazonas; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) Schedl 1976a: 83.
- intermedium** Schedl 1970e: 105. Holotype ♀; Bolivien, Jungas, de Arepuchto, Chacisacho, ca 1500 m; ZSSM, Munchen. Distribution: South America (Bolivia). References: (tx) Schedl 1970e: 105.
- laevigatum** (Eichhoff) 1869a: 278 (*Pterocyclon*). Holotype, sex?; Brasilia; Hamburg Museum, lost. Distribution: South America (Brazil). References: (ds) Blackwelder 1947: 783; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 337; Schedl 1972g: 46, 1976a: 56. (tx) Eichhoff 1869a: 278, 1869c: 301, 1878b: 449; Hagedorn 1910: 148; Schedl 1939j: 574, 1972g: 46.
- laterale** (Eichhoff) 1869a: 278 (*Pterocyclon*). Holotype ♂; Mexico; Hamburg Museum, lost, neotype: Toxpan, Mexico, BMNH, London, designated by Wood 1966b: 25. Figures: Atkinson et al. 1986: 48. Distribution: North America (Costa Rica/ Guatemala/ Michoacan, Morelos, Puebla, Veracruz in Mexico), South America (Venezuela). Hosts: *Alnus* sp., *Quercus* sp., etc. References: (hb) Atkinson et al. 1986: 50; Burgos & Saucedo 1983: 134; Wood, S. L. 1982b: 1231. (ds) Atkinson et al. 1986: 50; Blackwelder 1947: 783; Blandford 1905: 281; Burgos & Saucedo 1983: 134; Ferrer 1942; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 353, 367; Wood, S. L. 1982b: 1231. (tx) Atkinson et al. 1986: 48; Blandford 1905: 281; Eggers 1929c: 51; Eichhoff 1869a: 278, 1869c: 301, 1878b: 439; Hagedorn 1910a: 148; Hopkins 1914: 128; Schedl 1935h: 351, 1936i: 108, 1940a: 359; Wood, S. L. 1966b: 25, 1982b: 1231.
- trifasciatus** Schedl 1950i: 173 (*Cosmocorinus*).

Holotype ♀: Mexico: Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 25.

References: (tx) Schedl 1950i: 173, 1979c: 255; Wood, S. L. 1966b: 25.

latum (Schedl) 1966f: 126 (*Cosmocorynus*). Holotype ♂; Unleserlich, vielleicht Maydes, vermutlich Columbien; Schedl Collection in NHMW, Wien.

Distribution: South America (possibly Colombia).
References: (ds) Schedl 1966f: 79. (tx) Schedl 1966f: 126, 1979c: 137.

limulum Wood 1974b: 143. Holotype ♂; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Liana.

References: (hb) Wood, S. L. 1982b: 1242. (ds) Wood, S. L. 1982b: 1242. (tx) Wood, S. L. 1974b: 143, 1982b: 242.

lobatum (Ferrari) 1867a: 57 (*Corthylus*). Holotype ♂; Venezuela: NHMW, Wien.

Figures: Blandford 1905: pl. 8.

Distribution: North America (Costa Rica/ Guatemala), South America (Venezuela).

Hosts: *Clusia* sp., *Nectandra* sp., *Spondias purpurea*, etc.

References: (hb) Wood, S. L. 1982b: 1230. (ds) Blackwelder 1947: 783; Blandford 1905: 283; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 340, 367; Wood, S. L. 1982b: 1230. (tx) Blandford 1905: 283; Ferrari 1867a: 54, 57; Hagedorn 1910a: 148; Wood, S. L. 1982b: 1230.

longus (Schedl) 1950i: 172 (*Anchonocerus*). Holotype ♀; Bolivia, Cochabamba; Eggers Collection, in NHMW, Wien.

Distribution: South America (Bolivia).

References: (tx) Schedl 1950i: 172, 1979c: 142.

luctuosum (Blandford) 1904: 276 (*Pterocyclon*). Holotype ♂; Cerro Zunil, Guatemala, 4000 ft.; BMNH, London.

Distribution: North America (Guatemala/ Puebla in Mexico).

Hosts: *Quercus* sp.

References: (hb) Wood, S. L. 1982b: 1225. (ds) Atkinson & Equihua 1985c: 361, 1988a: 92; Blackwelder 1947: 783; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1225. (tx) Blandford 1904: 276; Hagedorn 1910a: 148; Wood, S. L. 1982b: 1225.

mali (Fitch) 1855: 326 (*Tomicus*). Syntypes, sex?; Middlefield, Massachusetts [USA]; not located.

Figures: Blackman 1922b: pl. 10, fig. 54, Dillon & Dillon 1961: 801.

Distribution: Antilles Islands (Cuba), North America (British Columbia in Canada, introduced/ Alabama, Arkansas, California, Connecticut, District of Columbia, Florida, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maine,

Maryland, Massachusetts, Michigan, Minnesota, Mississippi, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Tennessee, E Texas, Virginia, Vermont, West Virginia, Wisconsin in USA).
Hosts: *Acer rubrum*, *Betula lutea*, *Fagus americana*, *Liquidambar styraciflua*, *Nyassa* sp., *Quercus rubra*, *Tilia* sp.

Notes: (3) Three specimens from California and one from British Columbia have been examined; whether these represent errors in labeling, interceptions, or established populations is not yet known (SLW).

References: (ay) Hopkins 1894g; Schneider 1976. (bv) Atkinson, Foltz, & Connor 1988; Dethier 1947; Meixner 1937: 1218; Roling & Kearby 1975b, 1977; Turnbow & Franklin 1980. (cn) Anonymous 1976e; Beal et al. 1952; Blackman 1950; Brooks 1916: 13, 1917: 1–15; Chamberlin 1939: 282; Christian 1939; Collins & Connola 1958; Connola et al. 1956: 1–36; Craighead 1935: 139; Davis 1895; Doane et al. 1936; Felt 1901: 517–518, 1905: 289–292, 1906: 336, 1924: 277, 1926: 247–248, 277; Felt & Rankin 1932: 145; Fletcher 1888: 15; Garman 1905: 68–70; Gossard 1913: 62, 1914: 12; Herrick 1935: 375; Hopkins 1894b: 295, 1894g: 277, 1898d: 47, 1899c: 347, 442, 1904a: 45, 1905a: 384, 1907b, 1909c: 65, 1910g: 65; Howard 1897: 85; Hubbard 1897b: 26–28; Keen 1938: 147; Kleine 1932a: 304; Leach 1940b: 61; Lintner 1878: 455, 1896: 270; Lugger 1899a: 306, 308; Packard 1890: 93–94; Pierson 1927: 89; Quaintance & Siegler 1922: 66, 1931b: 75; Roling & Kearby 1973, 1977; Saunders 1883: 24; Schneider 1963: 661; Slingerland & Crosby 1914: 198; Swaine 1918a: 86–87; Wheeler 1922: 520. (ec) Batra 1963b: 216; Chamberlin 1939: 282; Currie 1905; Dorsey & Leach 1956: 220–224; Felt 1906: 289; Jewell 1956: 251; Leach 1940b: 61; Roling & Kearby 1977; Schneider 1976; Slaby 1947: 378; Steinhaus 1946: 404; Thompson, W. R. & Simmonds 1964: 30, 1965: 68; Verrall 1941: 552, 1943: 135–137, 142–143; Webb 1945: 68. (hb) Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 267; Beal & Massey 1945: 103–104; Blackman 1922b: 80–81, 1950; Chamberlin 1939: 282; Chittenden 1890, 1893a: 392, 1897: 79; Dillon & Dillon 1961: 810; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Drake 1921: 201, 205; Drooz 1985: 370; Felt 1906: 289, 1926: 247–248, 277; Felt & Rankin 1932: 145; Fitch 1856: 5, 8–9; Herrick 1935: 375; Hoffmann 1941; Hopkins 1894g, 1899c: 442, 1904a: 45, 1905a: 384; Hubbard 1897b: 26; Kleine 1932a: 304; Lengerken 1954: 312; Lugger 1899a: 308; Morstatt 1924: 7, 40; Ostmark 1968; Packard 1890: 93; Pierce, W. D. 1907: 290; Pierson 1927: 89; Roling & Kearby 1973; Saunders 1883: 24; Skinner 1905: 248; Swaine 1907: 191, 1918a: 86, 87; Titus & Pratt 1904: 19; Wood, S. L. 1982b: 1234. (ds) Anonymous 1926c: 517, 1976e; Atkinson et al.

- 1991: 162; Beal & Massey 1945: 103–104; Beaulne 1956; Blackman 1922b: 80–81, 1950; Blackwelder 1947: 783; Blandford 1904: 279; Blatchley & Leng 1916: 641; Bright 1976d: 191, 204, 214, 1985c: 176; Britton 1920a; Chamberlin 1925, 1939: 282; Chittenden 1890; Currie 1905; Deyrup 1981b: 9; Deyrup & Atkinson 1987a: 66; Dillon & Dillon 1961: 801; Dodge 1938: 36, 39; Dolphin, Mouzin, & Cleveland 1972: 1600; Drake 1921: 201, 205; Drooz 1985: 370; Felt 1926: 247–248, 277, 1930a: 247–248; Felt & Rankin 1932: 145; Ferrer 1942; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 93; Hamilton 1895a: 378; Henshaw 1885: 147; Hoffmann 1942: 12; Hopkins 1893a: 128, 1893b: 208, 1894: 295; Kaston 1938: 240; Kleine 1913b: 157, 1914b: 378, 384, 1932a: 304, 1934a: 171; Knull 1924: 212; Leng 1920: 339; Leonard 1928: 517; Ostmark 1968; Pechuman 1937: 13; Schedl 1971f: 148; Schwarz 1878: 468, 1886: 44, 1888: 48; Smith, J. B. 1900: 361, 1910: 401; Swaine 1909: 143; Turnbow & Franklin 1980; Wood, S. L. 1982b: 1234. **(tx)** Beal & Massey 1945: 103–104; Benoit 1985: 167; Blackman 1922b: 80–81; Blandford 1904: 270–279; Blatchley & Leng 1916: 641; Bright 1976d: 189, 191, 204, 214, 1985c: 176; Chamberlin 1939: 282; Comstock 1948; Dillon & Dillon 1961: 810; Dodge 1938; Eichhoff 1876a: 378–379, 1878b: 447–449; Fitch 1855: 326; Hagedorn 1910a: 148; Hubbard 1897b: 26; Jacques 1951: 352; LeConte 1868: 154, 1876: 349, 1878a: 465, 468; Meixner 1937: 1218; Schedl 1940a: 359; Schwarz 1886: 44; Swaine 1909: 143, 1918a: 86–87; Titus, Meikle, & Harrison 1985: 89; Wood, S. L. 1982b: 1234; Zimmermann 1868: 143. **(ms)** Swaine 1907: 191.
- longulum** Eichhoff 1869a: 278 (*Pterocyclon*). Syn-types, sex?; Carolina [USA]; Hamburg Museum, lost. Synonymy: LeConte 1876: 349. References: **(ds)** Gemminger & Harold 1872: 2680; Leng 1920: 339; Swaine 1909: 143. **(tx)** Blandford 1904: 279; Eichhoff 1869a: 278, 1869c: 301, 1876a: 378–379, 1878b: 448; LeConte 1876: 349; Swaine 1909: 143, 1918a: 87.
- marcidum** (Schedl) 1970e: 98 (*Pterocyclon*). Holotype, sex?; Bolivien, Yungas del Palmar, 2000 m; Schedl Collection in NHMW, Wien. Distribution: South America (Bolivia). References: **(tx)** Schedl 1970e: 98–99, 1979c: 148.
- minutissimum** (Schedl) 1954b: 40 (*Pterocyclon*). Lectotype ♂; Brasilien: Matto Grosso, Rio Caraguata; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 155. Figures: Bright 1972d: 95. Distribution: South America (Brazil). Notes: (3) Schedl 1959m: 554 (described female). References: **(ds)** Schedl 1972g: 46. **(tx)** Bright 1972d: 95, 102; de Ruette 1970: 113; Schedl 1954b: 40, 1959m: 553–554, 1961i: 230, 1979c: 155. **schedli** Bright 1972d: 102. Lectotype ♂; Brasilien: Matto Grosso, Rio Caraguata; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 155, an unneeded replacement name for *minutissimum* (Schedl 1954). Notes: Bright 1972d: 102 presumed that this species was congeneric with *Microcorthyus minutissimus* Schedl 1952 and introduced a replacement name. The 1952 species is in fact a *Microcorthyus* and is also a junior synonym; therefore, homonymy never existed and the original 1954 name is retained. References: **(tx)** Bright 1972d: 102; Schedl 1972g: 46, 1979c: 155.
- minutum** (Schedl) 1939j: 577 (*Pterocyclon*). Lectotype ♀; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien designated by Schedl 1979c: 157. Distribution: Antilles Islands (Cuba/ Jamaica), North America ("Mexico"), South America (Brazil). References: **(ds)** Blackwelder 1947: 783; Bright 1981c: 155; Nunberg 1958a: 480; Schedl 1976a: 56. **(tx)** Nunberg 1958a: 480; Schedl 1939j: 577, 1950i: 166, 1952a: 460, 1979c: 157.
- morsum** Wood 1974b: 139. Holotype ♂; Pandora, Limon, Costa Rica; Wood Collection. Distribution: North America (Costa Rica/ Veracruz in Mexico). Hosts: *Quercus* sp., and a tree limb. References: **(hb)** Wood, S. L. 1982b: 1236. **(ds)** Wood, S. L. 1982b: 1236. **(tx)** Wood, S. L. 1974b: 139, 1982b: 1236.
- nevermanni** (Schedl) 1935h: 348 (*Pterocyclon*). Holotype ♂; Kraterlagune, Vulcan Poas, Heredia, Costa Rica; Schedl Collection in NHMW, Wien. Distribution: North America (Costa Rica). Hosts: *Clusia* sp., *Quercus* sp., *Podocarpus oleifolius*. References: **(hb)** Wood, S. L. 1982b: 1223. **(ds)** Blackwelder 1947: 783; Wood, S. L. 1982b: 1223. **(tx)** Schedl 1935h: 348, 1950i: 168, 1979c: 165; Wood, S. L. 1982b: 1223.
- notatum** Wood 1974b: 143. Holotype ♀; Vulcan Poas, Heredia, Costa Rica, 2500 m; Wood Collection. Distribution: North America (Costa Rica/ Panama). Hosts: *Inga* sp., and a leguminous shrub. References: **(hb)** Wood, S. L. 1982b: 1241. **(ds)** Wood, S. L. 1982b: 1241. **(tx)** Wood, S. L. 1974b: 143, 1982b: 1241.
- nudum** (Schedl) 1939j: 574 (*Pterocyclon*). Holotype, sex?; Brasilien, Sta. Catharina; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: **(ds)** Blackwelder 1947: 783; Schedl 1966f: 92, 1976a: 56. **(tx)** Schedl 1939j: 574, 1950i: 164, 1979c: 173.
- obesum** (Schedl) 1970e: 99 (*Pterocyclon*). Holotype, sex?; Peru; Schedl Collection in NHMW, Wien.

Distribution: South America (Peru).

References: (tx) Schedl 1970e: 99, 1979c: 174.

obliquum (Schedl) 1970e: 99 (*Pterocyclon*). Holotype, sex?; Brasilien, Rio Caraguata, Matto Grosso; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Schedl 1970e: 99–100, 1972g: 46. (tx) Schedl 1979c: 174.

obtusum (Eggers) 1935a: 334 (*Anchonocerus*). Holotype ♂; Bolivien (Cochabamba); Eggers Collection, in NHMW, Wien.

Distribution: South America (Bolivia).

References: (ds) Blackwelder 1947: 783. (tx) Eggers 1935a: 334; Schedl 1979c: 176.

omissum (Schedl) 1952d: 347 (*Pterocyclon*). Syn-types ♂; Portorico, Mor.; Schedl Collection in NHMW, Wien, automatic.

Distribution: Antilles Islands (Puerto Rico).

References: (ds) Bright 1985c: 176. (tx) Bright 1985c: 176; Schedl 1952d: 347.

opacifrons Schedl 1950i: 167 (*Pterocyclon*). Syn-types ♂; Portorico, Mor.; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1935.

Notes: (1) The replacement name was presented prior to 1960; consequently, even though the senior homonym is now in a different genus, restoration of the 1950 name is not permitted by the Code. Schedl 1979c: 179 (citation of holotype invalid).

References: (ds) Blackwelder 1947: 783. (tx) Schedl 1935b: 350, 1950i: 167, 1952d: 347, 1979c: 179.

parvum (Eggers) 1933b: 22 (*Anchonocerus*). Holotype ♂; Franz. Guayana (Nouveau Chantier); MNHN, Paris.

Distribution: South America (Cayenne/ Guyana).

Hosts: *Peltogyne* sp.

References: (ds) Blackwelder 1947: 783. (tx) Eggers 1933b: 22–23, 1935a: 329–333; Schedl 1935a: 329; Wood, S. L. 1977b: 208.

preclarum Wood 1968b: 6. Holotype ♂; Manaka, British Guiana; BMNH, London. Synonymy: Wood 1977b: 208.

References: (tx) Wood, S. L. 1968a: 5, 1968b: 6, 1977b: 208.

penicillatum (Eichhoff) 1878b: 457 (*Pterocyclon*). Holotype, sex?; America meridionalis (Columbia); Steinheil Munichensis Collection or Hamburg Museum?

Distribution: South America (Colombia).

References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 342. (tx) Eggers 1936a: 393; Eichhoff 1878b: 457; Hagedorn 1910a: 149.

pennatum (Schedl) 1963c: 167 (*Pterocyclon*). Holotype ♀; Cordoba, Veracruz, Mexico; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica/ Guate-

mala/ Honduras/ Nayarit, Veracruz in Mexico), South America (Colombia/ Venezuela).

Hosts: *Conostegia oerstediana*, *Miconia pubescens*, "Caldo de Frijol" [a tree], etc.

References: (hb) Atkinson et al. 1986: 50; Wood, S. L. 1982b: 1228. (ds) Atkinson & Equihua 1985c: 361; Atkinson et al. 1986: 50; Wood, S. L. 1982b: 1228. (tx) Schedl 1963c: 167, 1979c: 187; Wood, S. L. 1982b: 1228.

peruanum (Schedl) 1950i: 168 (*Pterocyclon*). Holotype ♂; Peru; Schedl Collection in NHMW, Wien.

Distribution: South America (Peru).

References: (tx) Schedl 1950i: 168, 1979c: 191.

peruvianum Wood 1981: 122. Holotype ♀; Peru, Tambo, Enenas, Com. del Pichis; Schedl Collection in NHMW, Wien, automatic.

Distribution: South America (Peru).

References: (tx) Wood, S. L. 1981: 122.

peruanum Schedl 1978c: 306. Holotype ♀; Peru, Tambo, Enenas, Com. del Pichis; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1950.

References: (tx) Schedl 1978c: 306; Wood, S. L. 1981: 122.

plagiatum (Eichhoff) 1869a: 279 (*Corthylus*). Holotype, sex?; Columbia; Hamburg Museum, lost.

Distribution: South America (Colombia).

References: (ds) Blackwelder 1947: 783; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 94; Kleine 1913b: 157. (tx) Eggers 1936a: 393; Eichhoff 1869a: 279, 1869c: 301, 1878b: 455; Hagedorn 1910a: 149.

plaumanni (Schedl) 1937g: 68 (*Pterocyclon*). Syn-types ♂; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien, Strohmeyer Collection, Eberswalde, and Plaumann Collection.

Distribution: South America (Brazil).

Notes: (1) Schedl 1979c: 196 (citation of holotype invalid).

References: (ds) Blackwelder 1947: 783; Nunberg 1963c: 98; Santoro 1957b: 26; Schedl 1966f: 92. (tx) Schedl 1937g: 68, 1939k: 726, 1950i: 167, 1954b: 38, 1979c: 196.

posticum Wood 1974b: 146. Holotype ♂; Santa Ana, San Jose, Costa Rica, 1300 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Tree limbs, and a liana.

References: (hb) Wood, S. L. 1982b: 1245. (ds) Wood, S. L. 1982b: 1245. (tx) Wood, S. L. 1974b: 146, 1982b: 1245.

praeruptum (Blandford) 1904: 273 (*Pterocyclon*). Holotype ♂; Totonicipan, Guatemala, 85–10,500 ft.; BMNH, London.

Figures: Blandford 1904: pl. 8.

Distribution: North America (Guatemala).

References: (hb) Wood, S. L. 1982b: 1220. (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94;

Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1220. **(tx)** Blandford 1904: 273; Hagedorn 1910a: 149; Schedl 1935h: 348; Wood, S. L. 1982b: 1220.

praeustum (Eggers) 1941a: 100 (*Pterocyclon*). Lectotype ♂; Guadeloupe (Trois Rivières); USNM, Washington, designated by Anderson & Anderson 1971: 26.

Distribution: Antilles Islands (Dominica/ Guadeloupe/ Puerto Rico).

Hosts: *Dacryodes excelsa*, *Inga laurina*.

References: **(ds)** Bright 1981c: 155, 1985c: 176. **(tx)** Anderson, W. H. & Anderson 1971: 26; Bright 1985c: 176; Eggers 1941a: 100; Schedl 1950i: 167, 1979c: 198.

proprium Wood 1974b: 136. Holotype ♂; Cerro Punta near Volcan Chiriqui, Panama; Wood Collection.

Distribution: North America (Costa Rica/ Panama). Hosts: *Conostegia oerstediana*, *Inga* sp., and tree limbs.

References: **(hb)** Wood, S. L. 1982b: 1227. **(ds)** Wood, S. L. 1982b: 1227. **(tx)** Wood, S. L. 1974b: 136, 1982b: 1227.

proximum Wood 1974b: 147. Holotype ♂; San Isidro del General, San Jose, Costa Rica, 1000 m; Wood Collection.

Distribution: North America (Costa Rica), South America (Venezuela).

Hosts: *Alexia imperitricia*, *Miconia pubescens*.

References: **(ds)** Wood, S. L. 1982b: 1245. **(tx)** Wood, S. L. 1974b: 147, 1982b: 1245.

pseudoscutellare (Schedl) 1935h: 349 (*Pterocyclon*). Holotype ♀; Laguna Volcan Poas, Heredia, Costa Rica; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica).

Hosts: *Quercus costaricensis*, *Q.* spp.

References: **(hb)** Wood, S. L. 1982b: 1239. **(ds)** Blackwelder 1947: 783; Wood, S. L. 1982b: 1239. **(tx)** Schedl 1935h: 349–350, 1979c: 202; Wood, S. L. 1982b: 1239.

adustum Wood 1974b: 140. Holotype ♂; Cerro de la Muerte, San Jose, Costa Rica; Wood Collection. Synonymy: Wood 1982b: 1239.

References: **(tx)** Wood, S. L. 1974b: 140, 1982b: 1239.

pumilio (Eichhoff) 1878b: 445 (*Pterocyclon*). Holotype, sex?; America meridionalis (Venezuela); Hamburg Museum, lost.

Distribution: South America (Venezuela).

References: **(ds)** Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 340. **(tx)** Eichhoff 1878b: 445; Hagedorn 1910a: 149; Schedl 1939k: 727.

punctifrons (Blandford) 1904: 278 (*Pterocyclon*). Holotype ♀; Volcan de Chiriqui, Panama; BMNH, London.

Distribution: North America (Costa Rica/ Panama). Hosts: Logs.

References: **(hb)** Wood, S. L. 1982b: 1239. **(ds)** Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1239. **(tx)** Blandford 1904: 278; Hagedorn 1910a: 149; Wood, S. L. 1982b: 1239.

quadridens (Eichhoff) 1869a: 277 (*Pterocyclon*). Holotype, sex?; Brasilia; Hamburg Museum, lost. Distribution: South America (Brazil).

References: **(ds)** Blackwelder 1947: 783; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 337. **(tx)** Eichhoff 1869a: 277, 1869c: 301, 1878b: 446; Hagedorn 1910a: 149.

dubium Eichhoff 1869a: 277 (*Pterocyclon*). Holotype, sex?; Brasilia; Hamburg Museum, lost. Synonymy: Eichhoff 1878b: 446.

References: **(ds)** Gemminger & Harold 1872: 2680. **(tx)** Eichhoff 1869a: 277, 1869c: 301, 1878b: 446.

quadridentatum (Eggers) 1935a: 333 (*Anchono-cerus*). Lectotype ♂; Venezuela; USNM, Washington, designated by Anderson & Anderson 1971: 28.

Distribution: South America (Venezuela).

References: **(ds)** Blackwelder 1947: 783. **(tx)** Anderson, W. H. & Anderson 1971: 28; Eggers 1935a: 329, 333–334; Schedl 1979c: 208.

quercicolens Wood 1967d: 49. Holotype ♂; 53 km E Morelia, Michoacan, Mexico; Wood Collection. Figures: Wood 1967a: 46, 1982b: 1219 (declivity). Distribution: North America (Guatemala/ Chihuahua, Durango, Michoacan in Mexico/ Panama). Hosts: *Quercus* spp.

References: **(hb)** Atkinson et al. 1986: 50; Burgos & Saucedo 1983: 133. **(ds)** Atkinson et al. 1986: 50; Bright 1972a: 1385; Burgos & Saucedo 1983: 133; Wood, S. L. 1982b: 1219. **(tx)** de Ruelle 1970: 104; Wood, S. L. 1967a: 46, 1967d: 49–50, 1982b: 1219.

quercivororum Schedl 1977e: 46. Holotype ♂; Metapan, El Salvador, 1600–2200 m; Schedl Collection in NHMW, Wien.

Distribution: North America (El Salvador).

Hosts: *Quercus* sp.

References: **(tx)** Schedl 1977e: 46.

quercum (Wood) 1967d: 53 (*Amphicranus*). Holotype ♂; 5 km W El Salto, Durango, Mexico, 2500 m; Wood Collection.

Figures: Wood 1967d: 54, 1982b: 1233 (declivity). Distribution: North America (Durango in Mexico). Hosts: *Quercus* sp.

References: **(tx)** Wood, S. L. 1967d: 53–54.

querneum Wood 1967d: 50. Holotype ♂; 53 km E Morelia, Michoacan, Mexico; Wood Collection. Figures: Bright 1972a: 1377, Wood 1967d: 46, 1982b: 1219 (declivity).

Distribution: North America (El Salvador/ Honduras/ Chiapas, Hidalgo, Michoacan in Mexico).

Hosts: *Quercus hondurensis*. *Q.* spp.

References: (hb) Atkinson & Equihua 1985c: 361; Atkinson et al. 1986: 50; Burgos & Saucedo 1983: 133. (ds) Atkinson & Equihua 1985a: 101, 1985c: 361; Atkinson et al. 1986: 50; Burgos & Saucedo 1983: 133; Schedl 1977e: 43; Wood, S. L. 1982b: 1218. (tx) McNamara 1977: 196; Wood, S. L. 1967a: 46, 1967d: 50, 1973c: 179, 1982b: 1218.

bifidus Bright 1972a: 1381. Holotype ♂; 13 km E San Cristobal de las Casas, Chiapas, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 179. References: (tx) Bright 1972a: 1377, 1381; McNamara 1977: 196; Wood, S. L. 1973c: 179.

robustum (Schedl) 1966f: 123 (*Pterocyclon*). Holotype ♀; Las Mercedes, Santa Clara [district in Limon], Costa Rica, 100 m; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica), South America (Trinidad).

Hosts: *Spondias purpurea*, etc.

References: (hb) Wood, S. L. 1982b: 1224. (ds) Atkinson & Equihua 1986a: 422, 1988: 92; Schedl 1966f: 77; Wood, S. L. 1982b: 1224. (tx) Schedl 1966f: 123, 1979c: 212; Wood, S. L. 1982b: 1224.

scrobiceps (Eichhoff) 1878b: 458 (*Pterocyclon*). Holotype, sex?; America meridionalis (Columbia orientalis); Hamburg Museum, lost.

Distribution: South America (Colombia).

Hosts: *Quercus* sp. (?).

References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 342. (tx) Eggers 1936a: 393; Eichhoff 1878b: 458; Hagedorn 1910a: 149; Schedl 1966f: 76.

scutellare (LeConte) 1857: 59 (*Corthylus*). Holotype ♀; San Jose, California [USA]; MCZ, Cambridge.

Figures: Bright 1976d: 189.

Distribution: North America (British Columbia in Canada/ Baja California Norte in Mexico/ California, Oregon, Washington in USA).

Hosts: *Chrysopsis* sp., *Lithocarpus densiflorus*, *Quercus agrifolia*, *Q. kelloggii*.

Notes: (1) The original (masculine) spelling was *scutellaris*.

References: (ay) Farris 1965b: 30, 1969: 529; Francke-Grosmann 1956b. (bv) Daterman, Rudinsky, & Nagel 1965. (cn) Chamberlin 1939: 280; Doane et al. 1936; Keen 1938: 147; Ruppel 1967: 64; Swaine 1918a: 86. (ec) Chamberlin 1939: 280; Farris 1965b: 30, 1969: 529; Francke-Grosmann 1956b; Keen 1938: 147; Roepel & French 1981; Slaby 1947: 377; Steinhaus 1946: 404; Webb 1945: 65. (hb) Bright 1976d: 190; Bright & Stark 1973: 95; Chamberlin 1939: 280, 1958: 128–129; Chittenden 1893a: 392; Daterman, Rudinsky, & Nagel 1965; DeLeon 1952; Doane & Gilliland 1929: 916–918; Doane et al.

1936; Funk 1965: 929–932; Keen 1938: 147; Roling & Kearby 1974: 1303; Swaine 1918a: 86; Wood, S. L. 1982b: 1216. (ds) Bright 1976d: 190; Bright & Stark 1973: 95; Chamberlin 1939: 280, 1958: 128–129; DeLeon 1952: 79; Evans, D. 1985; Furniss, R. L. & Carolin 1977: 398; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 94; Henshaw 1882: 268, 1885: 147; Keen 1929a: 28, 1938: 147; Kleine 1913b: 157, 1914b: 391, 1934a: 171; Leng 1920: 339; Patterson & Hatch 1945: 152; Ritcher 1955: 16; Rivers 1886: 66; Ruppel 1967: 64; Swaine 1909: 144; Wood, S. L. 1959a: 61, 1972a: 428, 1982b: 1216. (tx) Bright 1976d: 189–190; Bruck 1936a; Chamberlin 1939: 280, 1958: 128–129; Eichhoff 1869a: 277, 1869c: 298, 1878b: 447; Ferrari 1867a: 48–49; Hagedorn 1910a: 149; Keen 1929a: 28; LeConte 1857: 22, 59, 1868: 153, 1876: 348; Schedl 1935h: 347; Swaine 1909: 144, 1918a: 86; Wood, S. L. 1959a: 61, 1966b: 26, 1972a: 428, 1982b: 1216.

cavus LeConte 1868: 153 (*Cryphalus*). Holotype ♂; coast region south of San Francisco, California [USA]; MCZ, Cambridge. Synonymy: LeConte 1876: 348.

References: (ds) Henshaw 1882: 268; Leng 1920: 339; Swaine 1909: 144. (tx) Eichhoff 1878b: 451; LeConte 1868: 153, 1876: 348; Swaine 1909: 144.

obliquecaudatum Schedl 1935h: 351 (*Pterocyclon*). Syntypes ♀; California [USA]; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 26.

References: (ds) Blackwelder 1939. (tx) Schedl 1935h: 351, 1979c: 174; Wood, S. L. 1966b: 26.

semipallens (Schedl) 1954b: 41 (*Pterocyclon*). Lectotype ♂; Brasilien: Matto Grosso, Rio Caraguata; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 224.

Distribution: South America (Brazil).

References: (tx) Schedl 1954b: 41, 1979c: 224.

sexdentatum Eggers 1935a: 83. Lectotype ♀; Bolivien (Cochabamba); USNM, Washington, designated by Anderson & Anderson 1971: 29.

Distribution: South America (Bolivia).

References: (ds) Blackwelder 1947: 783. (tx) Eggers 1935a: 83, 329, 331–332; Schedl 1979c: 227.

sexdenticulum Wood 1989: 178. Holotype ♂; Columbien (Aguatal); USNM, Washington, automatic. Distribution: South America (Colombia).

References: (tx) Wood, S. L. 1989: 178.

sexdentatum Eggers 1935a: 331 (*Anchonocerus*). Holotype ♂; Columbien (Aguatal); USNM, Washington, preoccupied by Eggers 1935.

References: (tx) Anderson, W. H. & Anderson 1971: 29; Eggers 1935a: 331–332; Wood, S. L. 1989: 178.

- subductum** (Schedl) 1978c: 303 (*Pterocyclon*).
Holotype, sex?; Peru, Torentoy Canyon (Base Machu-Picchu), 2000–2200 m; Schedl Collection in NHMW, Wien.
Distribution: South America (Peru).
References: (tx) Schedl 1978c: 303.
- subgranulatum** Wood 1974b: 144. Holotype ♂; Cerro Pena Blanca, Honduras, 1900 m; Wood Collection.
Distribution: North America (Honduras).
Hosts: *Persea popenoi*.
References: (hb) Wood, S. L. 1982b: 1243. (ds) Wood, S. L. 1982b: 1243. (tx) Wood, S. L. 1974b: 144, 1982b: 1243.
- subprunum** (Schedl) 1976a: 83 (*Pterocyclon*).
Holotype, sex?; Brazil: Salesopolis, S.P.; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 83.
- subtruncatum** (Schedl) 1978c: 303 (*Pterocyclon*).
Holotype, sex?; Columbien, Caucathal, O. Thieme S.; Schedl Collection in NHMW, Wien.
Distribution: South America (Colombia).
References: (tx) Schedl 1978c: 303.
- sulcatum** (Blandford) 1905: 284 (*Pterocyclon*).
Holotype ♂; Volcan de Chiriqui, Panama, 1800 m; BMNH, London.
Distribution: North America (Panama).
Hosts: *Quercus* sp.
References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157. (tx) Blandford 1905: 284; Hagedorn 1910a: 149; Schedl 1935h: 348.
- sulcipenne** (Schedl) 1978c: 304 (*Pterocyclon*).
Holotype, sex?; Peru, Torentoy Canyon (Base Machu-Picchu), 2000–2200 m; Schedl Collection in NHMW, Wien.
Distribution: South America (Peru).
Notes: (3) This may be a synonym of *lobatum* Ferrari.
References: (tx) Schedl 1978c: 304.
- terminatum** (Blandford) 1904: 280 (*Pterocyclon*).
Holotype ♂; Capetillo, Guatemala; BMNH, London.
Distribution: North America (Guatemala).
References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1222. (tx) Blandford 1904: 280; Hagedorn 1910a: 149; Wood, S. L. 1982b: 1222.
- tetradontium** Wood 1974b: 137. Holotype ♂; SE slope of Mt. Colima, Jalisco, Mexico; Wood Collection.
Distribution: North America (Jalisco in Mexico).
References: (hb) Atkinson et al. 1986: 51; Burgos & Saucedo 1983: 134; Wood, S. L. 1982b: 1235. (ds) Atkinson et al. 1986: 51; Burgos & Saucedo 1983: 134; Wood, S. L. 1982b: 1235. (tx) Wood, S. L. 1974b: 137, 1982b: 1235.
- tomicoides** (Blandford) 1904: 273 (*Pterocyclon*).
Lectotype ♂; San Geronimo, Verapaz, Guatemala; BMNH, London, designated by Wood 1982b: 1221.
Figures: Blandford 1904: pl. 8.
Distribution: North America (Guatemala).
References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1221. (tx) Blandford 1904: 273; Hagedorn 1910a: 149; Wood, S. L. 1982b: 1221.
- tridentatum** (Schedl) 1971f: 152 (*Cosmocorynus*).
Holotype ♀; Brazil: Lagoa Santa; UZMC, Copenhagen.
Distribution: South America (Brazil).
References: (tx) Schedl 1971f: 152.
- umbrinum** (Blandford) 1904: 275 (*Pterocyclon*).
Holotype ♀; Purula, Verapaz, Guatemala; BMNH, London.
Distribution: North America (Guatemala/ Puebla in Mexico).
Hosts: *Alnus* sp.
References: (hb) Wood, S. L. 1982b: 1225. (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1225. (tx) Blandford 1904: 275; Hagedorn 1910a: 149; Wood, S. L. 1982b: 1225.
- unifasciatum** (Schedl) 1970e: 104 (*Cosmocorynus*).
Holotype ♀; Columbia, La Estrella II, 1700 m; Frey Collection in NHMBS, Basel.
Distribution: South America (Colombia).
References: (tx) Schedl 1970e: 104.
- vallidum** (Ferrari) 1867a: 55 (*Corthylus*).
Lectotype ♂; Mexico; NHMW, Wien, designated by Wood 1974d: 285.
Distribution: North America (Costa Rica/ Veracruz in Mexico/ Panama).
Hosts: *Quercus* spp.
References: (hb) Wood, S. L. 1982b: 1220. (ds) Atkinson & Equihua 1985c: 361; Blackwelder 1947: 783; Blandford 1904: 271; Ferrer 1942; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 340, 353; Wood, S. L. 1982b: 1220. (tx) Blandford 1904: 271; Eichhoff 1869c: 301; Ferrari 1867a: 54–55, 61; Hagedorn 1910a: 149; Schedl 1940a: 359; Wood, S. L. 1974d: 285, 1982b: 1220.
- mexicanus** Eggers 1931a: 18 (*Amphicranus*).
Holotype ♂; Mexico; MNB, Berlin. Synonymy: Wood 1974d: 285.
References: (ds) Blackwelder 1947: 783. (tx) Eggers 1931a: 18; Schedl 1940a: 359; Wood, S. L. 1974d: 285.
- jalapae** Schedl 1939j: 584 (*Pterocyclon*).
Holotype ♂; Jalapa, Veracruz, Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1974d: 285.
References: (ds) Blackwelder 1947: 783; Ferrer 1942. (tx) Schedl 1939j: 584, 1940a: 359, 1979c: 129; Wood, S. L. 1974d: 285.

vernaculum (Schedl) 1952a: 460 (*Pterocyclon*). Syntypes 2 ♀; Argentina, Dep. Concepción, Sta. Maria; Schedl Collection in NHMW, Wien. Distribution: South America (Argentina/ Brazil). Notes: (1) Schedl 1979c: 266 (citation of holotype invalid).

References: (ds) Schedl 1967d: 4. (tx) de Ruette 1970: 113; Schedl 1950i: 166, 1952a: 460, 1979c: 266.

vicinum (Schedl) 1970e: 100 (*Pterocyclon*). Holotype, sex?; Brasilien, S. Catarina, Luderwaldt; Eggers Collection, in NHMW, Wien. Distribution: South America (Brazil).

References: (tx) Schedl 1970e: 100–101, 1979c: 267.

vittatum (Blandford) 1905: 282 (*Pterocyclon*). Holotype ♀; Volcan de Chiriqui, Panama; BMNH, London.

Figures: Blandford 1904: pl. 8.

Distribution: North America (Costa Rica/ Panama).

Hosts: *Brunellia costaricensis*, *Clusia* sp., *Quercus* sp.

References: (hb) Wood, S. L. 1982b: 1242. (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1242. (tx) Blandford 1905: 282; Hagedorn 1910a: 149; Wood, S. L. 1982b: 1242.

volvulum (Eichhoff) 1869a: 279 (*Pterocyclon*). Holotype, sex?; Columbia; IRSNB, Brussels.

Distribution: South America (Colombia).

References: (ds) Blackwelder 1947: 783; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 342. (tx) Eichhoff 1869a: 279, 1869c: 301, 1878b: 454; Hagedorn 1910a: 149.

xalapensis Wood 1987: 548. Holotype ♂; Estacion de Biologia, Chamela, Jalisco, Mexico; Wood Collection.

Distribution: North America (Jalisco in Mexico).

Hosts: *Croton pseudoniveus*.

References: (tx) Wood, S. L. 1987: 548.

Genus *Glochinocerus* Blandford

GLOCHINOCERUS BLANDFORD 1904: 266. Type-species: *Glochinocerus retusipennis* Blandford, subsequent designation by Hopkins 1914: 122.

Keys: Wood 1982b: 1246.

References: (hb) Wood, S. L. 1986a: 99. (ds) Hagedorn 1910d: 92; Wood, S. L. 1986a: 99. (tx) Blandford 1904: 266; Hagedorn 1910a: 142–143; Hopkins 1914: 122; Wood, S. L. 1982b: 1246–1247, 1986a: 99.

gemellus Blandford 1904: 267. Lectotype ♀; Quiche Mountains, El Quiche, Guatemala; BMNH, London, designated by Wood 1982b: 1247. Figures: Atkinson et al. 1986: 48.

Distribution: North America (Guatemala/ Hidalgo, Mexico, Puebla in Mexico).

Hosts: *Prunus* sp., *Quercus* sp., etc.

References: (hb) Atkinson & Equihua 1985a: 101; Atkinson et al. 1986: 47; Burgos & Saucedo 1983:

136. (ds) Atkinson & Equihua 1985a: 101; Atkinson et al. 1986: 47; Blackwelder 1947: 783; Burgos & Saucedo 1983: 136; Hagedorn 1910d: 92; Kleine 1913b: 156, 1914b: 367; Wood, S. L. 1982b: 1247. (tx) Atkinson et al. 1986: 48; Blandford 1904: 267; Hagedorn 1910a: 143; Wood, S. L. 1982b: 1247.

retusipennis Blandford 1904: 266. Lectotype ♀; Cerro Zunil, Quezaltenango, Guatemala; BMNH, London, designated by Wood 1982b: 1246.

Figures: Blandford 1904: pl. 9.

Distribution: North America (Guatemala).

Hosts: Caldo de Frijol bole, and a tree branch.

References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 92; Kleine 1913b: 156, 1914b: 367; Wood, S. L. 1982b: 1246. (tx) Blandford 1904: 266; Hagedorn 1910a: 143; Hopkins 1914: 122; Lucas 1920: 303; Wood, S. L. 1982b: 1246. (ms) Lucas 1920: 303.

Genus *Metacorthylus* Blandford

METACORTHYLUS BLANDFORD 1904: 251, 263. Type-species: *Metacorthylus nigripennis* Blandford, monobasic.

Paracorthylus Wood 1968b: 7. Type-species: *Paracorthylus velutinus* Wood, original designation. Synonymy: Wood 1976a: 347.

References: (tx) Wood, S. L. 1968b: 7, 1976a: 347.

Keys: Wood 1982b: 1248.

References: (hb) Fonseca 1925: 1–8 [these citations erroneous, =*Corthylus* (SLW)]; Wood, S. L. 1982b: 1247, 1986a: 99. (ds) Wood, S. L. 1982b: 1247, 1986a: 99. (tx) Blandford 1904: 251, 263; Wood, S. L. 1976a: 347, 1982b: 1247, 1986a: 99.

concisus (Wood) 1974a: 67 (*Paracorthylus*). Holotype ♀; Moravia, Cartago, Costa Rica, 500 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Log.

Notes: (1) Wood 1976: 347 (to *Metacorthylus*).

References: (hb) Wood, S. L. 1982b: 1249. (ds) Wood, S. L. 1982b: 1249. (tx) Wood, S. L. 1974a: 67, 1976a: 347, 1982b: 1249.

mutilis (Wood) 1974a: 66 (*Paracorthylus*). Holotype ♀; Fort Sherman, Canal Zone, Panama; Wood Collection.

Distribution: North America (Panama).

Notes: (1) Wood 1976a: 347 (to *Metacorthylus*).

References: (ds) Wood, S. L. 1982b: 1248. (tx) Wood, S. L. 1974a: 66, 1976a: 347, 1982b: 1248.

nigripennis Blandford 1904: 263. Holotype ♀; Bugaba, Chiriqui, Panama, 800–1500 ft.; BMNH, London.

Distribution: North America (Panama).

References: (ds) Blackwelder 1947: 782; Hagedorn 1910d: 91; Kleine 1913b: 156, 1914b: 366; Wood, S. L. 1982b: 1251. (tx) Blandford 1904: 263; Fonseca 1925: 1–8; Hagedorn 1910a: 146;

Hopkins 1914: 124; Lucas 1920: 408; Wood, S. L. 1982b: 1251. (**ms**) Lucas 1920: 408.

velutinus (Wood) 1968b: 7 (*Paracorthylus*). Holotype ♀; Moravia, Cartago Prov., Costa Rica, 500 m; Wood Collection.

Figures: Wood 1968a: 5, 1982b: 1250.

Distribution: North America (Costa Rica), South America (Colombia).

Hosts: Log, and guano seco.

References: (**hb**) Wood, S. L. 1982b: 1249. (**ds**) Wood, S. L. 1982b: 1249. (**tx**) Wood, S. L. 1968a: 5, 1968b: 7, 1976a: 347, 1982b: 1249.

Genus *Microcorthylus* Ferrari

MICROCORTHYLUS FERRARI 1867a: 58. Type-species: *Microcorthylus parvulus* Ferrari, monobasic.

Keys: Wood 1982b: 1252 for Mexico and Central America.

References: (**hb**) Wood, S. L. 1986a: 99. (**ds**) Wood, S. L. 1986a: 99. (**tx**) Eggers 1935a: 75, 153; Ferrari 1867a: 58; Kirsch 1868: 214; Schedl 1939j: 570, 1940a: 359; Wood, S. L. 1967d: 37–57, 1982b: 1251–1259, 1986a: 99.

abruptus Nunberg 1962: 233. Holotype ♀; Estacao Biologica de Boraceia, Salesopolis, Estado de Sao Paulo, Brasilien; DZSA, Sao Paulo.

Figures: Nunberg 1962: 234.

Distribution: South America (Brazil).

Notes: (3) This is probably a *Monarthrum*.

References: (**hb**) Wood, S. L. 1982b: 1251. (**ds**) Wood, S. L. 1982b: 1251. (**tx**) Nunberg 1962: 233–234; Wood, S. L. 1982b: 1251.

bicolor Eggers 1935a: 154. Holotype, sex?; Bolivien, Cochabamba; Eggers Collection, in NHMW, Wien.

Distribution: South America (Bolivia).

References: (**ds**) Blackwelder 1947: 783. (**tx**) Eggers 1935a: 153–155; Schedl 1939j: 573, 1979c: 38.

brevis Eggers 1935a: 155. Holotype ♀; Guadeloupe; Eggers Collection, in NHMW, Wien.

Distribution: Antilles Islands (Guadeloupe).

References: (**ds**) Blackwelder 1947: 783; Bright 1985c: 176. (**tx**) Bright 1985c: 176; Eggers 1935a: 155–156, 1941a: 108; Schedl 1979c: 47.

castaneus Schedl 1939j: 572. Holotype, sex?; Brasilien, Sta. Catharina; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (**ds**) Blackwelder 1947: 783. (**tx**) Schedl 1939j: 572, 1979c: 54.

concisus Wood 1973a: 270. Holotype ♀; Volcan, Puntarenas, Costa Rica, 1000 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: *Croton gossypifolius*, and other tree branches.

References: (**hb**) Wood, S. L. 1982b: 1259. (**ds**)

Wood, S. L. 1982b: 1259. (**tx**) Wood, S. L. 1973a: 270, 1982b: 1259.

contractus Wood 1973a: 274. Holotype ♂; 7 km NW Socopo, Barinas, Venezuela, 200 m; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Nectandra* sp.

References: (**tx**) Wood, S. L. 1973a: 274.

curtus Wood 1973a: 274. Holotype ♂; 20 km SW El Vigia, Merida, Venezuela, 50 m; Wood Collection.

Distribution: South America (Venezuela).

Hosts: Tree seedling.

References: (**tx**) Wood, S. L. 1973a: 274.

debilis Wood 1973a: 265. Holotype ♀; Volcan Pacaya, Guatemala, 1300 m; Wood Collection.

Distribution: North America (Guatemala).

Hosts: Tree branch, and a liana.

References: (**hb**) Wood, S. L. 1982b: 1254. (**ds**) Atkinson & Equihua 1985c: 362; Wood, S. L. 1982b: 1254. (**tx**) Wood, S. L. 1973a: 265, 1982b: 1254.

demissus Wood 1973a: 266. Holotype ♀; 9 km NE Teziutlan, Puebla, Mexico; Wood Collection.

Distribution: North America (Costa Rica/ Puebla in Mexico).

Hosts: *Boehmeria ulmifolia*, *Conostegia oerstediana*, *Miconia* sp.

References: (**hb**) Wood, S. L. 1982b: 1254. (**ds**) Wood, S. L. 1982b: 1254. (**tx**) Wood, S. L. 1973a: 266, 1982b: 1254.

dilutus Wood 1973a: 271. Holotype ♂; Piedras Blancas, 10 km E Medellin, Antioquia, Colombia, 2500 m; Wood Collection.

Distribution: South America (Colombia).

Hosts: Guttiferae sp.

References: (**tx**) Wood, S. L. 1973a: 271.

diversus Wood 1973a: 272. Holotype ♂; La Carbonera Experimental Forest, 50 km NW Merida, Merida, Venezuela, 2500 m; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Nectandra* sp.

References: (**tx**) Wood, S. L. 1973a: 272.

glabratus (Ferrari) 1867a: 60 (*Corthylus*). Holotype, sex?; Venezuela [presumably Colonia Tovar]; NHMW, Wien.

Distribution: South America (Brazil/ Venezuela). Notes: Schedl 1963h: 268 (to *Microcorthylus*).

References: (**ds**) Bright 1985c: 176; Fleutiaux & Salle 1890: 458; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 93; Kleine 1914b: 340. (**tx**) Bright 1985c: 176; Ferrari 1867a: 55, 60; Hagedorn 1910a: 148; Schedl 1936i: 108, 1963h: 268.

subopacus Schedl 1939j: 573. Lectotype, sex?; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 243. Synonymy: Schedl 1963h: 268.

- References: **(ds)** Blackwelder 1947: 783. **(tx)** Schedl 1939j: 573, 1963h: 268, 1979c: 243.
- grandiclavatus** Eggers 1935a: 156. Holotype ♂: Costa Rica, San Jose, 1300 m; Hamburg Museum, lost, neotype ♂, Escasu, San Jose, Costa Rica, USNM, Washington, designated by Wood 1982b: 1258.
Distribution: North America (Costa Rica/ Panama).
Hosts: Small tree.
References: **(hb)** Wood, S. L. 1982b: 1258. **(ds)** Blackwelder 1947: 783; Wood, S. L. 1982b: 1258. **(tx)** Eggers 1935a: 156; Wood, S. L. 1982b: 1258.
- hostilis** Wood 1973a: 272. Holotype ♀; 30 km N Merida, Merida, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: Tree branch.
References: **(tx)** Wood, S. L. 1973a: 272.
- inermis** Wood 1973a: 267. Holotype ♀; 15 km SE Cartago, Cartago, Costa Rica, 1800 m; Wood Collection.
Distribution: North America (Costa Rica/ Panama).
Hosts: *Guazuma ulmifolia*, *Siparuna nicaraguensis*.
References: **(hb)** Wood, S. L. 1982b: 1255. **(ds)** Wood, S. L. 1982b: 1255. **(tx)** Wood, S. L. 1973a: 267, 1982b: 1255.
- incalidus** Wood 1973a: 268. Holotype ♀; 6 km W Tepic, Nayarit, Mexico, 1000 m; Wood Collection.
Distribution: North American (Nayarit in Mexico).
Hosts: Tree branch.
References: **(hb)** Atkinson & Equihua 1985c: 362; Wood, S. L. 1982b: 1255. **(ds)** Atkinson & Equihua 1985c: 362; Wood, S. L. 1982b: 1255. **(tx)** Wood, S. L. 1973a: 268, 1982b: 1255.
- lassus** Wood 1973a: 270. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Distribution: North America (Costa Rica/ Panama).
Hosts: Small trees, and a liana.
References: **(hb)** Wood, S. L. 1982b: 1258. **(ds)** Wood, S. L. 1982b: 1258. **(tx)** Wood, S. L. 1973a: 270, 1982b: 1258.
- mexicanus** Eggers 1934a: 81. Holotype, sex?; Mexico; Hamburg Museum, lost.
Distribution: North America ("Mexico").
References: **(ds)** Blackwelder 1947: 783. **(tx)** Eggers 1934a: 81–82; Schedl 1940a: 359.
- minimus** Schedl 1950i: 160. Lectotype ♀; Nova Teutonia, Santa Catarina, Brazil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 154.
Figures: Atkinson & Aquihua 1988: 97, Pedrosa-Macedo & Schonherr 1985: 59
Distribution: Antilles Islands (Cuba/ Jamaica), North America (Costa Rica/ Honduras/ Veracruz in Mexico/ Panama), South America (Brazil).
Hosts: *Acacia pennatula*, *Serjania* sp., and other small branches.
References: **(ec)** Equihua & Atkinson 1986: 634. **(hb)** Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 1256. **(ds)** Atkinson & Equihua 1988: 92; Bright 1981c: 155, 1985c: 176; Equihua & Atkinson 1986: 634; Pedrosa-Macedo & Schonherr 1985: 59; Schedl 1966f: 91, 1967d: 4, 1976a: 56; Wood, S. L. 1982b: 1256. **(tx)** Atkinson & Equihua 1988: 97; Bright 1985c: 176; Pedrosa-Macedo & Schonherr 1985: 59; Schedl 1950i: 160, 1979c: 154; Wood, S. L. 1982b: 1256.
- minutissimus** Schedl 1952d: 361. Syntypes, sex?; Jamaica; Schedl Collection in NHMW, Wien. Synonymy: Wood 1975b: 394.
Notes: (1) Schedl 1979c: 156 (citation of holotype invalid).
References: **(ds)** Bright 1972d: 102; Schedl 1966f: 91, 1967d: 4, 1971f: 147, 1972g: 46. **(tx)** Bright 1972d: 102; Schedl 1950i: 160, 1952d: 361, 1979c: 156; Wood, S. L. 1975b: 394.
- obscurus** Eggers 1935a: 155. Holotype, sex?; Bolivia, Cochabamba; USNM, Washington.
Distribution: South America (Bolivia).
References: **(ds)** Blackwelder 1947: 783. **(tx)** Anderson, W. H. & Anderson 1971: 22; Eggers 1934a: 81, 1935a: 155; Schedl 1939j: 570–571, 1979c: 175.
- ocularis** Wood 1973a: 266. Holotype ♀; Tapanti, Cartago, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Boehmeria ulmifolia*, *Conostegia oerstediana*, *Siparuna nicaraguensis*.
References: **(hb)** Wood, S. L. 1982b: 1254. **(ds)** Wood, S. L. 1982b: 1254. **(tx)** Wood, S. L. 1973a: 266–267, 1982b: 1254.
- pallidus** Schedl 1939j: 571. Lectotype, sex?; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 182.
Distribution: South America (Brazil).
References: **(ds)** Blackwelder 1947: 783; Nunberg 1964a: 235; Schedl 1966f: 78. **(tx)** Nunberg 1956: 235; Schedl 1939j: 570–571, 1979c: 182.
- parvulus** Ferrari 1867a: 53, 58. Holotype ♂; Venezuela [probably Colonia Tovar]; NHMW, Wien.
Distribution: North America (Costa Rica/ Guatemala), South America (Colombia/ Venezuela).
Hosts: *Spondias purpurea*, and other tree branches.
References: **(hb)** Wood, S. L. 1982b: 1255. **(ds)** Blackwelder 1947: 783; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 340, 366; Wood, S. L. 1982b: 1255. **(tx)** Eggers 1935a: 153–156; Ferrari 1867a: 53, 58; Hagedorn 1910a: 148; Hopkins 1914: 125; Schedl 1939j: 570; Wood, S. L. 1974d: 283, 1982b: 1255.
- exile** Eichhoff 1878b: 451 (*Pterocyclon*). Holotype ♂; America meridionalis (Nova Granada [probably Colonia Tovar, Colombia]); IRSNB, Brussels. Synonymy: Wood 1974d: 283.
References: **(ds)** Blackwelder 1947: 783; Hagedorn 1910d: 92; Kleine 1913b: 157. **(tx)**

Eichhoff 1878b: 444, 451; Hagedorn 1910a: 148; Swaine 1909: 142, 1918a: 88; Wood, S. L. 1974d: 283.

porrectus Schedl 1951h: 292. Lectotype, sex?; Argentinien, Dep. Concepcion, Sta. Maria; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 197.

Distribution: South America (Argentina).

References: (hb) Viana 1964: 126. (ds) Viana 1964: 126. (tx) Schedl 1951h: 292, 1979c: 197.

puerulus Schedl 1939j: 571. Lectotype, sex?; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 203. Figures: Schedl 1939j: 570 (antenna, tibia).

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 783. (tx) Schedl 1939j: 570–571, 1950, 1951h: 292, 1979c: 203.

pumilus Wood 1973a: 268. Holotype ♀; 15 km SE Cartago, Costa Rica, 1800 m; Wood Collection.

Distribution: North America (Costa Rica/ Panama).

Hosts: *Conostegia oerstediana*, etc.

References: (hb) Wood, S. L. 1982b: 1257. (ds) Wood, S. L. 1982b: 1257. (tx) Wood, S. L. 1973a: 268, 1982b: 1257.

pusillus Wood 1973a: 269. Holotype ♀; Buenos Aires, Cortez, Honduras, 2300 m; Wood Collection. Distribution: North America (Guatemala/ Honduras). Hosts: Tree branch.

References: (hb) Wood, S. L. 1982b: 1257. (ds) Wood, S. L. 1982b: 1257. (tx) Wood, S. L. 1973a: 269, 1982b: 1257.

rufotestaceus Schedl 1939j: 572. Lectotype, sex?; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 215. Distribution: South America (Brasil). References: (ds) Blackwelder 1947: 783. (tx) Schedl 1939j: 572, 1979c: 215.

suggrandis Schedl 1939j: 574. Lectotype, sex?; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 245. Figures: Pedrosa-Macedo & Schonherr 1985: 60. Distribution: South America (Brazil).

Hosts: *Ocotea puberula*.

References: (ds) Blackwelder 1947: 783; Pedrosa-Macedo & Schonherr 1985: 60; Schedl 1966f: 91; Schonherr & Pedrosa-Macedo 1981: 53. (tx) Nunberg 1962: 235; Pedrosa-Macedo & Schonherr 1985: 60; Schedl 1939j: 574, 1979c: 245.

umbratus Wood 1973a: 273. Holotype ♂; La Carbonera Experimental Forest, 50 km NW Merida, Merida, Venezuela, 2500 m; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Nectandra* sp.

References: (tx) Wood, S. L. 1973a: 273.

vescus Wood 1973a: 271. Holotype ♀; Volcan Zunil, Quezaltenango, Guatemala, 1000 m; Wood Collection.

Distribution: North America (Guatemala).

References: (ds) Atkinson & Equihua 1985c: 362; Wood, S. L. 1982b: 1259. (tx) Wood, S. L. 1973a: 271, 1982b: 1259.

vicinus Wood 1977b: 213. Holotype ♀; 51 km S Valle Nacional, Oaxaca, Mexico; CNCI, Ottawa.

Distribution: North America (Chiapas, Oaxaca in Mexico).

Hosts: *Quercus* sp., *Salix* sp.

References: (ds) Wood, S. L. 1982b: 1256. (tx) Wood, S. L. 1977b: 213, 1982b: 1256.

Genus *Corthyrcyclon* Schedl

CORTHYCYCLON SCHEDL 1951m: 128. Type-species: *Corthyrcyclon ustum* Schedl, monobasic.

Keys: Wood 1982b: 1260 for Mexico and Central America.

References: (hb) Wood, S. L. 1986a: 100. (ds) Wood, S. L. 1986a: 100. (tx) Schedl 1951m: 128; Wood, S. L. 1982b: 1259–1264, 1986a: 100.

aztecum (Bright) 1972a: 1374 (*Corthylus*). Holotype ♀; 5.6 km S Suchixtepec, Oaxaca, Mexico; CNCI, Ottawa.

Figures: Bright 1972a: 1370, Wood 1982b: 1262 (antenna).

Distribution: North America (Costa Rica/ Chiapas, Oaxaca, Puebla in Mexico).

Hosts: *Bocconia frutescens*, *Miconia dodecandra*, *M.* sp., *Oreopanax xalapense*, *Quercus* sp., *Siparuna nicaraguensis*, *Vaccinium consanguineum*.

Notes: (1) Wood 1982b: 1263 (to *Corthyrcyclon*).

References: (hb) Wood, S. L. 1982b: 1261. (ds) Wood, S. L. 1982b: 1263. (tx) Bright 1972a: 1370, 1374; McNamara 1977: 195; Wood, S. L. 1982b: 1263–1264.

caliginis Wood 1974b: 148. Holotype ♀; 16 km SE Cartago, Costa Rica, 1800 m; Wood Collection.

Figures: Wood 1982b: 1262.

Distribution: North America (Costa Rica).

Hosts: Liana.

References: (hb) Wood, S. L. 1982b: 1261. (ds) Wood, S. L. 1982b: 1261. (tx) Wood, S. L. 1974b: 148, 1982b: 1261.

ebeninum (Blandford) 1904: 265 (*Brachyspartus*). Holotype ♀; Volcan de Chiriqui, Chiriqui, Panama, 4–6000 ft.; BMNH, London.

Distribution: North America (Panama).

References: (ds) Blackwelder 1947: 784; Hagedorn 1910d: 91; Kleine 1913b: 156, 1914b: 366; Wood, S. L. 1982b: 1262. (tx) Blandford 1904: 265; Hagedorn 1910a: 140; Wood, S. L. 1982b: 1262.

furcum Wood 1974b: 148. Holotype ♀; Peralta, Cartago, Costa Rica, 500 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Liana.

References: (hb) Wood, S. L. 1982b: 1261. (ds) Wood, S. L. 1982b: 1261. (tx) Wood, S. L. 1974b: 148, 1982b: 1261.

morulum Wood 1974b: 149. Holotype ♀; 16 km SE Cartago, Costa Rica, 1800 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: *Conostegia oerstediana*. References: (**hb**) Wood, S. L. 1982b: 1261. (**ds**) Wood, S. L. 1982b: 1261. (**tx**) Wood, S. L. 1974b: 149, 1982b: 1261.

tardum Wood 1974b: 149. Holotype ♀; 16 km SE Cartago, Costa Rica, 1800 m; Wood Collection. Figures: Wood 1982b: 1262 (antenna, tibia). Distribution: North America (Costa Rica/ Panama). Hosts: *Cecropia* sp. (leaf petioles), *Siparuna nicaraguensis*, *Vaccinium consanguineum*. References: (**hb**) Wood, S. L. 1982b: 1263. (**ds**) Wood, S. L. 1982b: 1263. (**tx**) Wood, S. L. 1974b: 149, 1982b: 1263.

ustum Schedl 1951m: 128. Holotype ♀; Brasilien; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). Notes: (3) Schedl 1959m: 555 (described male). References: (**tx**) Schedl 1951m: 128, 1959m: 555, 1979c: 263.

Genus *Brachyspartus* Ferrari

BRACHYSPARTUS FERRARI 1867a: 65. Type-species: *Brachyspartus moritzi* Ferrari, monobasic. *Thylurcos* Schedl 1939j: 567. Type-species: *Brachyspartus moritzi* Ferrari, by subsequent monotypy. Synonymy: Wood 1966b: 18, 1986: 100. References: (**tx**) Schedl 1939j: 567–568; Wood, S. L. 1966b: 18, 1986: 100.

Notes: (1) *Thylurcos* Schedl was based on 2 species; *nevermanni* Schedl was transferred to *Corthylus* (Wood 1982b: 1298) leaving *moritzi* Ferrari as the only original species in the genus; thus, *Thylurcos* became an objective junior synonym of *Brachyspartus*.

References: (**hb**) Wood, S. L. 1986a: 100. (**ds**) Hagedorn 1910d: 91; Wood, S. L. 1986a: 100. (**tx**) Blandford 1904: 264; Eichhoff 1878b: 429; Ferrari 1867a: 65; Hagedorn 1910a: 140; Schedl 1935h: 347, 1939j: 567; Wood, S. L. 1966b: 18, 1986a: 100.

moritzi Ferrari 1867a: 68. Holotype ♀; Venezuela; NHMW, Wien.

Distribution: South America (Venezuela). References: (**ds**) Blackwelder 1947: 784; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 91; Kleine 1913b: 156, 1914b: 340, 342. (**tx**) Eichhoff 1868d: 419, 1878b: 429; Ferrari 1867a: 68; Hagedorn 1910a: 140; Hopkins 1914: 117; Schedl 1939j: 567; Wood, S. L. 1966b: 18, 1992b: 82. (**ms**) Eichhoff 1868d: 419.

obtusum Schedl 1966f: 122 (*Corthylus*). Holotype ♀; Venezuela; Schedl Collection in NHMW, Wien. Synonymy: Wood 1992b: 82.

References: (**tx**) Schedl 1966f: 122, 1979c: 176; Wood, S. L. 1992b: 82.

Genus *Corthylocurus* Wood

CORTHYLOCURUS WOOD 1966b: 18. Type-species: *Brachyspartus barbatus* Blandford, original designation.

Keys: Wood 1982b: 1265 for Mexico and Central America.

References: (**hb**) Wood, S. L. 1986a: 100. (**ds**) Wood, S. L. 1986a: 100. (**tx**) Wood, S. L. 1966b: 18–19, 1973c: 175, 1982b: 1264–1270, 1986a: 100.

aguacatensis (Schedl) 1940a: 357 (*Metacorthylus*). Lectotype ♂; Xochitlan, Morelos, Mexico; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 15.

Figures: Atkinson et al. 1986: 43, Wood 1982b: 1267 (female head, declivity).

Distribution: North America (Michoacan, Morelos, Nayarit in Mexico).

Hosts: *Persea americana*, *Spondias mombin*.

Notes: (1) Wood 1982b: 1266 (designation of lectotype not needed).

References: (**hb**) Atkinson et al. 1986: 44; Burgos & Saucedo 1983: 183; Wood, S. L. 1982b: 1266. (**ds**) Atkinson et al. 1986: 44, 68; Blackwelder 1947: 782; Burgos & Saucedo 1983: 138; Wood, S. L. 1982b: 1266. (**tx**) Atkinson et al. 1986: 43; Schedl 1940a: 357, 1950i: 161, 1979c: 15; Wood, S. L. 1982b: 1266.

barbatus (Blandford) 1904: 265 (*Brachyspartus*). Holotype ♀; Volcan de Chiriqui, Chiriqui, Panama; BMNH, London.

Figures: Blandford 1904: 265, pl. 8, Wood 1982b: 1267 (female head, declivity).

Distribution: North America (Costa Rica/ Oaxaca, Puebla in Mexico/ Panama).

Hosts: *Conostegia oerstediana*, *Miconis* sp., *Spondias purpurea*.

References: (**hb**) Wood, S. L. 1982b: 1269. (**ds**) Atkinson & Equihua 1985c: 362; Blackwelder 1947: 784; Bright 1972a: 1385; Hagedorn 1910d: 91; Kleine 1913b: 156, 1914b: 366; Wood, S. L. 1982b: 1269. (**tx**) Blandford 1904: 265; Hagedorn 1910a: 140; Schedl 1935h: 349, 1939j: 569, 1950i: 162; Wood, S. L. 1966b: 19, 1973c: 175, 1982b: 1269.

brunneus (Nunberg) 1972b: 191 (*Corthylus*). Holotype ♂; Sao Paulo, Itarare (Sampaio); MZUSP, Sao Paulo.

Distribution: South America (Brazil).

References: (**tx**) Nunberg 1972a, 1972b: 191–192.

cinnatus Bright 1972a: 1379. Holotype ♀; Mexico: 21 km N Ocozautla, Chiapas; CNCI, Ottawa.

Figures: Bright 1972a: 1377, Wood 1982b: 1267 (female head).

Distribution: North America (Costa Rica/ Chiapas in Mexico).

Hosts: Liana.

References: (**hb**) Wood, S. L. 1982b: 1269. (**ds**)

Wood, S. L. 1982b: 1269. (**tx**) Bright 1972a: 1377, 1379; McNamara 1977: 195; Wood, S. L. 1973c: 175, 1982b: 1269.

costaricensis (Schedl) 1936i: 108 (*Microcorthyus*). Holotype ♀; Turrialba, Cartago, Costa Rica; Schedl Collection in NHMW, Wien.

Figures: Wood 1982b: 1267 (female head, declivity). Distribution: North America (Costa Rica).

Hosts: Lianas.

Notes: (1) Wood 1982b: 1268 (to *Corthylocurus*).

References: (**hb**) Wood, S. L. 1982b: 1268. (**ds**) Blackwelder 1947: 783; Wood, S. L. 1982b: 1268. (**tx**) Schedl 1936i: 108, 1979c: 67; Wood, S. L. 1982b: 1268.

debilis Wood 1974b: 150. Holotype ♀; Beverley, Limon, Costa Rica; Wood Collection.

Figures: Wood, S. L. 1982b: 1267 (female head, declivity).

Distribution: North America (Costa Rica/ Panama).

Hosts: *Serjania* sp.

References: (**cn**) Equihua 1988. (**hb**) Wood, S. L. 1982b: 1266. (**ds**) Atkinson & Equihua 1985c: 362, 1988: 86; Estrada & Atkinson 1988: 211; Wood, S. L. 1982b: 1266. (**tx**) Wood, S. L. 1974b: 150, 1982b: 1266.

mexicanus (Schedl) 1950i: 163 (*Brachyspartus*). Holotype ♂; Comitán, Mexico; Schedl Collection in NHMW, Wien.

Figures: Wood, S. L. 1982b: 1267 (female head, declivity).

Distribution: North America (Costa Rica/ Guatemala/ Chiapas, Oaxaca, Puebla, Veracruz in Mexico/ Panama).

Hosts: *Acacia* sp., *Arbutus* sp., *Inga* sp., *Miconia* sp., *Rhus* sp., *Rubus* sp., and other small branches.

References: (**hb**) Wood, S. L. 1982b: 1268. (**ds**) Atkinson & Equihua 1985c: 362; Ferrer 1942; Wood, S. L. 1982b: 1268. (**tx**) Schedl 1950i: 163, 1979c: 152; Wood, S. L. 1973c: 175, 1974d: 279, 1982b: 1268.

cylindricus Schedl 1963c: 164 (*Corthyus*). Holotype ♀; Jalapa, Veracruz, Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1974d: 279.

References: (**tx**) Schedl 1963c: 164, 1979c: 73; Wood, S. L. 1974d: 279.

anomalus Bright 1972a: 1378 (*Corthyus*). Holotype ♀; Highway 175, 5.6 km S Suchixtepec, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 175.

References: (**tx**) Bright 1972a: 1378; McNamara 1977: 195; Wood, S. L. 1973c: 175.

signatifrons (Schedl) 1950i: 162 (*Brachyspartus*). Holotype ♀; Tybays or Tybagos [presumably Brazil]; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil?).

References: (**tx**) Schedl 1950i: 162, 1979c: 228.

tuberculifer (Eggers) 1937a: 86 (*Brachyspartus*). Syntypes 2, sex?; Brasil, Bahia; BMNH, London, 2 Eggers syntypes in NHMW, Wien.

Figures: Terra 1987: 28.

Distribution: South America (Brazil).

Hosts: *Theobroma cacao*.

References: (**ds**) Blackwelder 1947: 784; Nummer 1976a: 56; Schedl 1976a: 56; Terra 1987: 27. (**tx**) Anderson, W. H. & Anderson 1971; Eggers 1937a: 86–87; Schedl 1939j: 569, 1979c: 258; Terra 1987: 27–28.

vernaculus (Schedl) 1939j: 569 (*Brachyspartus*). Syntypes ♀; Nova Teutonia, Brazil; Schedl Collection in NHMW, Wien, and Plaumann Collection. Distribution: South America (Brazil).

Notes: (1) Schedl 1979c: 266 (citation of holotype invalid).

References: (**ds**) Blackwelder 1947: 784; Schedl 1966f: 91, 1967d: 4, 1970e: 85, 1976a: 56. (**tx**) Schedl 1939j: 569, 1950i: 163, 1979c: 266.

Genus *Corthyus* Erichson

CORTHYLUS ERICHSON 1836: 64. Type-species: *Bostrichus compressicornis* Fabricius, by subsequent monotypy by Ferrari 1867a: 49. Wood 1974c: 202 designated lectotype for type-species.

Morizus Ferrari 1867a: 49. Type-species: *Morizus excisus* Ferrari, monobasic. Synonymy: Eichhoff 1869c: 300.

References: (**tx**) Blandford 1904: 251; Eichhoff 1869c: 297–301; Ferrari 1867a: 49, 59, 69; Swaine 1909: 90.

Pseudocorthyus Ferrari 1867a: 59. Type-species: *Pseudocorthyus letzneri* Ferrari. Synonymy: Wood 1977d: 511.

References: (**tx**) Ferrari 1867a: 59; Kirsch 1868: 214; Wood, S. L. 1977d: 511.

Corthylominus Schedl 1972g: 73. Type-species: *Corthylominus gracilis* Schedl, original designation, preoccupied by Ferrari 1867.

References: (**tx**) Schedl 1972g: 73, 1979c: 107.

Keys: Blandford 1904: 253 for Mexico and Central America; Wood 1982b: 1271 for North and Central America.

References: (**ay**) Nobuchi 1969a: 68. (**hb**) Hubbard 1897: 16; Merino & Vasquez 1963: 59–67; Wood, S. L. 1982b: 1270, 1986a: 100. (**ds**) Hagedorn 1910d: 90–91; Wood, S. L. 1982b: 1270, 1986a: 100. (**tx**) Arnett 1960: 1045, 1968: 1045; Beal & Massey 1945: 59, 104; Blandford 1904: 251–254; Bright 1972d: 103, 1976d: 191, 1978: 192; Chamberlin 1939: 283–285; Dodge 1938: 18; Eggers 1935a: 76–77, 1940a: 123–141; Eichhoff 1869a: 279, 1869c: 297–301, 1878b: 66, 421; Erichson 1836: 64; Ferrari 1867a: 48, 1867b: 104–115; Fonseca 1927: 585–590; Hagedorn 1910a: 144–145; LeConte 1876: 347; LeConte & Horn 1883: 517; Schedl 1939j: 567, 1940a: 349–350; Wood, S. L. 1966b: 19, 1967b: 37–57, 1967c:

- 119–141, 1974c: 181–202, 1977d: 511, 1982b: 1270–1310, 1986a: 100.
- abbreviatus** Eichhoff 1869a: 279. Holotype ♀; Columbia; IRSNB, Brussels.
Figures: Menschoy & Martin 1974: 6.
Distribution: South America (Colombia/Venezuela).
Hosts: *Ahus* sp., *Croton* sp., *Ficus* sp., *Vismia* sp.
References: (**hb**) Menschoy & Martins 1974. (**ds**) Blackwelder 1947: 784; Blandford 1904: 254; Gemminger & Harold 1872: 2693; Hagedorn 1903: 547, 1910d: 90; Kleine 1913b: 155, 1914b: 342. (**tx**) Blandford 1904: 254; Eggers 1933b: 2, 21; Eichhoff 1869a: 279, 1869c: 301, 1878b: 425; Hagedorn 1903b: 547, 1910a: 145; Menschoy & Martin 1974: 6.
- abrupteclivis** Schedl 1966f: 121. Holotype ♀; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1966f: 121, 1979c: 8.
- additus** Wood 1974c: 199. Holotype ♀; La Carbonera Experimental Forest, 50 km NW Merida, Merida, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: *Clusia* sp., *Ficus* sp., *Nectandra* sp., *Rubus* sp., *Vismia* sp.
References: (**tx**) Wood, S. L. 1974c: 199.
- alienus** Schedl 1966f: 119. Holotype ♀; Argentinien, Tucuman; Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina).
References: (**tx**) Schedl 1966f: 119, 1979c: 16.
- antemarius** Schedl 1966f: 120. Holotype ♀; Brasilien, Nova Teutonia, Santa Catarina; Schedl Collection in NHMW, Wien.
Figures: Pedrosa-Macedo & Schonherr 1985: 61.
Distribution: South America (Brazil).
References: (**ds**) Pedrosa-Macedo & Schonherr 1985: 61; Schedl 1976a: 55. (**tx**) Pedrosa-Macedo & Schonherr 1985: 61; Schedl 1966f: 120, 1979c: 22.
- argentinensis** Schedl 1950i: 157. Holotype ♂; Argentina, Pr. Jujuy, Verzenyi; Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina).
Notes: (3) Schedl 1976a: 79 (described female).
References: (**ds**) Schedl 1976a: 53. (**tx**) Nunberg 1962: 230; Schedl 1950i: 156–157, 1976a: 79, 1979c: 24.
- bifurcus** Schedl 1935h: 345. Holotype ♂; Costa Rica, Lagune Vulkan Poas, 2600 m; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
Hosts: Probably a native bamboo.
References: (**ds**) Blackwelder 1947: 784; Wood, S. L. 1982b: 1282. (**tx**) Schedl 1935h: 345, 1979c: 40; Wood, S. L. 1982b: 1282.
- bolivianus** Eggers 1943a: 379. Holotype ♀; Bolivia (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia).
References: (**tx**) Anderson, W. H. & Anderson 1971: 7; Eggers 1943a: 379–380.
- brunnescens** Wood 1981: 122. Holotype ♀; Volcan Barba, Heredia, Costa Rica; Wood Collection, automatic.
Figures: Wood 1982b: 1291 (female).
Distribution: North America (Costa Rica).
Hosts: Native bamboo.
References: (**hb**) Wood, S. L. 1982b: 1290. (**ds**) Wood, S. L. 1982b: 1290. (**tx**) Wood, S. L. 1981: 122, 1982b: 1290.
- brunneus** Wood 1974c: 188. Holotype ♀; Volcan Barba, Heredia, Costa Rica; Wood Collection, preoccupied by Nunberg 1972.
References: (**tx**) Wood, S. L. 1974c: 188, 1981: 122.
- calamarius** Wood 1974c: 185. Holotype ♀; Volcan Poas, Heredia, Costa Rica, 2000 m; Wood Collection.
Figures: Wood 1982b: 1280 (female).
Distribution: North America (Costa Rica).
Hosts: Native bamboo.
References: (**hb**) Wood, S. L. 1982b: 1282. (**ds**) Wood, S. L. 1982b: 1282. (**tx**) Wood, S. L. 1974c: 185, 1982b: 1282.
- callidus** Schedl 1973d: 172. Holotype ♀; Brasilien, Guanabara, Rio de Janeiro, Ilha do Governador; MZUSP, Sao Paulo.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1973d: 172, 1979c: 50.
- calmicolens** Wood 1974c: 189. Holotype ♀; Volcan Poas, Heredia, Costa Rica, 2500 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Native bamboo.
References: (**tx**) Wood, S. L. 1974c: 189, 1982b: 1291.
- cannularius** Wood 1974c: 186. Holotype ♀; Cerro de la Muerte, San Jose, Costa Rica, 3200 m; Wood Collection.
Figures: Wood 1982b: 1284 (female).
Distribution: North America (Costa Rica).
Hosts: Native bamboo.
References: (**hb**) Wood, S. L. 1982b: 1283. (**ds**) Wood, S. L. 1982b: 1283. (**tx**) Wood, S. L. 1974c: 186, 1982b: 1283.
- cavifrons** Nunberg 1962: 230. Holotype ♀; Estacao Biologica de Boraceia, Salesopolis, Estado de Sao Paulo, Brasilien; DZSA, Sao Paulo.
Distribution: South America (Brazil).
References: (**tx**) Nunberg 1962: 230.
- cecropii** Wood 1975a: 31. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Distribution: North America (Costa Rica), South America (Venezuela).
Hosts: *Cecropia peltata* leaf petioles.
References: (**hb**) Wood, S. L. 1982b: 1278. (**ds**) Wood, S. L. 1982b: 1278. (**tx**) Wood, S. L. 1975a: 31, 1982b: 1278.

cirritus Wood 1974c: 200. Holotype ♀; La Carbonera Experimental Forest, 50 km NW Merida, Merida, Venezuela, 1100 m; Wood Collection. Distribution: South America (Venezuela). Hosts: *Nectandra* sp., *Piper* sp., and other small branches.

References: (tx) Wood, S. L. 1974c: 200.

collaris Blandford 1904: 261. Holotype ♂; Cerro Zunil, Guatemala; BMNH, London. Figures: Wood 1982b: 1284 (female).

Distribution: North America (Costa Rica/ Guatemala/ Chiapas in Mexico/ Panama).

Hosts: *Acacia* sp., *Crotalaria* sp., *Miconia globuliflora*, *Phoebe mexicana*, *Theobroma cacao*, and other small branches.

Notes: (3) Schedl 1950i: 160 (described female).

References: (ec) Wichmann 1955a: 107. (hb) Wood, S. L. 1982b: 1285. (ds) Blackwelder 1947: 784; Hagedorn 1910d: 90; Kleine 1913b: 155, 1914b: 366; Wichmann 1955a: 107; Wood, S. L. 1982b: 1285. (tx) Blandford 1904: 261; Hagedorn 1910a: 145; Nunberg 1962: 230; Schedl 1950i: 160, 1979c: 59; Wood, S. L. 1967c: 138, 1974d: 279, 1982b: 1285.

splendens Wood 1967c: 138. Holotype ♀; 16 km SE Cargago, Cartago, Costa Rica; Wood Collection. Synonymy: Wood 1974d: 279.

References: (tx) Wood, S. L. 1967c: 138, 1974d: 279.

columbianus Hopkins 1895d: 104. Syntypes, sex?; Raleigh Co., West Virginia [USA]; USNM, Washington.

Figures: Baker 1972: 266, Giese 1967: 56, Kabir & Giese 1966a: 886–891, Wood, S. L. 1982b: 1294 (female).

Distribution: North America (District of Columbia, Florida, Georgia, Indiana, Kansas, Maryland, Massachusetts, Missouri, New Jersey, North Carolina, South Carolina, Tennessee, Vermont, Virginia, West Virginia in USA).

Hosts: *Acer rubrum*, *A. saccharinum*, *Castanea dentata*, *Liriodendron tulipifera*, *Platanus occidentales*, *Quercus alba*, *Ulmus* sp.

References: (ay) Giese 1964, 1967; Hopkins 1894g. (bv) Crozier & Giese 1967b; Gagne & Kearby 1979: 300; Kabir 1963, 1964; Kabir & Giese 1966a; Roling & Kearby 1975b, 1977; Turnbow & Franklin 1980. (cn) Anonymous 1960q, 1961h, 1962h, 1963y, 1965b, 1985k: 23; Baker, W. L. 1972: 265; Beal et al. 1952: 59; Bongberg 1962; Burns 1969, 1970: 1–15; Chamberlin 1924, 1939: 284–285; Coulson & Witter 1984: 566; Doane et al. 1936; Drooz 1985: 369; Felt 1906: 702; Hopkins 1894a: 146, 1894b: 300, 313–336, 1895: 104–107, 1896b: 81, 1896c: 76, 1897a: 37, 1897b: 17, 1898a: 106, 1902d: 24, 1909c: 61, 1910d: Hubbard 1897b: 17; Kabir & Giese 1966a; MacAloney & Ewan 1964; Marlatt 1929: 1–39; Mattson & Haack 1987; McCambridge

& Kowal 1957: 7; McManus & Giese 1967; Nord & McManus 1972; Pettinger 1963: 68; Roling & Kearby 1973, 1977; Snyder 1923: 131, 1927: 3; White, W. B. & Giese 1968; Yates 1968. (ec) Baker, W. L. 1972: 265; Chamberlin 1939: 284–285; Crozier & Giese 1967b; Drooz 1985: 369; Felt 1906: 702; Giese 1962, 1966b, 1967b; Hopkins 1897a: 37; Kabir 1963, 1964: 4894–4895; Kabir & Giese 1966a, 1966b; Mattson & Haack 1987; McManus 1969; McManus & Giese 1968; Nord 1973; Oliveria 1975b; Pettinger & Giese 1968; Roling & Kearby 1974: 1308, 1977; Steinhaus 1946: 404; White, W. B. & Giese 1968: 1400; Wilson 1959a: 311–317, 1959b: 114. (hb) Anonymous 1985: 23; Baker, W. L. 1972: 265; Beal & Massey 1945: 105–106; Bright 1976d: 193; Burns 1969; Chamberlin 1939: 284–285; Coulson & Witter 1984: 566; Crozier 1968b: 5062; Crozier & Giese 1967a: 55–58, 1967b: 1203–1214; Doane et al. 1936; Drooz 1985: 369; Felt 1906: 702; Giese 1966a, 1966b, 1967: 55; Hoffmann & St. George 1949: 78; Hopkins 1894a, 1894g, 1904b: 325, 327, 1905c: 146; Hubbard 1897b: 17; Kabir 1963, 1964, 1966; Kabir & Giese 1966a: 887; Lucht & Giese 1961; MacAloney & Ewan 1964; McManus 1969: 2479; McManus & Giese 1966, 1967: 410, 1968; Milne 1968b; Milne & Giese 1969: 225–237, 1970: 12–24; Nord 1972, 1973; Nord & Lewis 1970: 155–157; Nord & McManus 1972; Oliveria 1975b; Pettinger & Giese 1963; Roling & Kearby 1973; Wilson 1959: 114; Wood, S. L. 1982b: 1285; Yates 1968. (ds) Anderson, R. L. & Barry 1980: 48; Anonymous 1963y, 1965b; Atkinson et al. 1991: 161; Beal & Massey 1945: 105–106; Blandford 1904: 253; Blatchley & Leng 1916: 643; Bright 1976d: 193; Chamberlin 1939: 284–285; Deyrup 1981b: 8; Drooz 1985: 369; Hagedorn 1910d: 90; Henshaw 1895: 44; Hoffmann 1940: 60, 1942: 12; Hoffmann & St. George 1949: 78; Kabir & Giese 1966a: 887; Kleine 1913b: 155, 1914b: 394, 1934a: 170; Leng 1920: 339; McManus 1969; Nord & McManus 1972; Schuder 1960a: 23; Smith, J. B. 1910: 400; Swaine 1909: 90; Turnbow & Franklin 1980; Wood, S. L. 1982b: 1285. (tx) Baker, W. L. 1972: 266; Beal & Massey 1945: 105–106; Blandford 1904: 253–254; Blatchley & Leng 1916: 643; Bright 1976d: 193; Chamberlin 1939: 284–285; Giese 1967: 56; Hagedorn 1910a: 145; Hopkins 1895d: 104 1915c: pl. 9, fig. 3, pl. 10, fig. 3; Hubbard 1897b: 17–18; Kabir & Giese 1966a: 886–891; Muesebeck 1942: 95, 1950: 130; Schedl 1940a: 354, 1979c: 60; Swaine 1909: 90–91; Wood, S. L. 1982b: 1285. (ms) Anonymous 1985k: 23; Giese 1966a; Nord & Lewis 1970; Tates 1968.

comatus Blandford 1904: 258. Holotype ♀; Cerro Zunil, Guatemala; BMNH, London.

- Figures: Blandford 1904:pl. 5, Wood 1982b: 1292 (female).
- Distribution: North America (Costa Rica/ Guatemala/ Oaxaca, Puebla in Mexico/ Panama).
- Hosts: *Alnus* sp., *Miconia* sp., *Ochroma* sp., *Phoebe mexicana*, *Solanum torvum*, etc.
- References: (hb) Atkinson et al. 1986: 44; Wood, S. L. 1982b: 1292. (ds) Atkinson & Equihua 1985c: 362; Atkinson et al. 1986: 44; Blackwelder 1947: 784; Hagedorn 1910d: 90; Kleine 1913b: 155, 1914b: 366; Wood, S. L. 1982b: 1292. (tx) Blandford 1904: 258; Hagedorn 1910a: 145; Wood, S. L. 1974d: 279, 1982b: 1292.
- splendidus* Bright 1972a: 1371. Holotype ♀; Highway 175, 5.6 km S Suchixtepec, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1974d: 279.
- References: (tx) Bright 1972a: 1370–1371; McNamara 1977: 195; Wood, S. L. 1974d: 279.
- comosus** Wood 1974c: 186. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
- Figures: Wood 1982b: 1284 (female).
- Distribution: North America (Costa Rica).
- Hosts: *Piper* sp.
- References: (hb) Wood, S. L. 1982b: 1283. (ds) Wood, S. L. 1982b: 1283. (tx) Wood, S. L. 1974c: 186, 1982b: 1283–1285.
- compressicornis** (Fabricius) 1801: 388 (*Bostrichus*). Lectotype ♀; published as *America meridionali*, type labeled Essequibo [Guyana]; UZMC, Copenhagen, designated by Wood 1974c: 202.
- Distribution: South America (Guyana/ Suriname).
- Notes: (3) Wood 1974c: 202 (redescribed type). Citations of this species from Colombia and Central America are based on erroneous identifications (SLW).
- References: (ay) Imhoff 1856: 228. (ds) Blackwelder 1947: 784; Blandford 1904: 254; Bright 1972a: 1385; Dejean 1837; Gemminger & Harold 1872: 2693; Hagedorn 1903b: 547, 1910d: 90; Kleine 1913b: 155; Lacordaire 1866: 385; Melsheimer 1853: 87; Wood, S. L. 1961c: 1. (tx) Blandford 1904: 254; Castelnau 1840; Eggers 1929e, 1931b: 39, 1931c: 184, 1934a: 82; Eichhoff 1868: 421, 1869c: 297, 301, 1878b: 422; Fabricius 1801: 388; Ferrari 1867a: 48–49, 61; Hagedorn 1903b: 547, 1910a: 145; Hopkins 1914: 119; Lacordaire 1866: 385; Lucas 1920: 203; Schedl 1933b: 33, 35, 1950i: 153–154, 1979c: 60; Wood, S. L. 1961c: 1, 1967d: 56, 1974c: 202. (ms) Eichhoff 1868d: 421; Lucas 1920: 203.
- concavus** Bright 1972a: 1376. Holotype ♀; 24 km S Valle Nacional, Oaxaca, Mexico; CNCI, Ottawa.
- Distribution: North America (Oaxaca, Puebla in Mexico).
- Hosts: *Alnus* sp., and a tree limb.
- References: (hb) Wood, S. L. 1982b: 1296. (ds) Wood, S. L. 1982b: 1296. (tx) Bright 1972a: 1376; McNamara 1977: 195; Wood, S. L. 1982b: 1296.
- concisus** Wood 1974c: 201. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
- Figures: Blandford 1904:pl. 8, Wood 1982b: 1307, 1309 (female).
- Distribution: North America (Costa Rica/ Chiapas in Mexico/ Panama).
- Hosts: *Conostegia oerstediana*, *Spondias purpurea*, *Theobroma cacao*.
- Notes: (1) Blandford 1904: 255 (this species was cited erroneously as *compressicornis*).
- References: (hb) Wood, S. L. 1982b: 1309. (ds) Atkinson & Equihua 1986a: 422; Kleine 1914b: 366; Wood, S. L. 1982b: 1309. (tx) Wood, S. L. 1974c: 201, 1982b: 1309.
- consimilis** Wood 1974c: 188. Holotype ♀; 9 km NE Teziutlan, Puebla, Mexico, 1600 m; Wood Collection.
- Figures: Wood 1982b: 1291.
- Distribution: North America (Guatemala/ Puebla in Mexico).
- Hosts: *Acacia* sp., and tree branches.
- References: (hb) Wood, S. L. 1982b: 1288. (ds) Wood, S. L. 1982b: 1288. (tx) Wood, S. L. 1974c: 188, 1982b: 1288.
- convexicauda** Eggers 1931b: 40. Syntypes 1 ♂, 1 ♀; Sao Paulo; Prague Museum, 2 Eggers syntypes in NHMW, Wien.
- Distribution: South America (Brazil).
- References: (ds) Blackwelder 1947: 784; Pedrosa-Macedo & Schonherr 1985: 62; Schedl 1973d: 160, 1976a: 56. (tx) Eggers 1931b: 40–41; Pedrosa-Macedo & Schonherr 1985: 62; Schedl 1966f: 76, 1979c: 64.
- bituberculatus* Nunberg 1962: 229. Holotype ♂; Barra do Tapirape, Estado de Matto Grosso, Brasilien; DZSA, Sao Paulo. Synonymy: Schedl 1966f: 76.
- References: (tx) Nunberg 1962: 228–231; Schedl 1966f: 76.
- convexifrons** Wood 1986c: 270. Holotype ♀; La Mucuy, 20 km W Merida, Merida, Venezuela; Wood Collection.
- Distribution: South America (Venezuela).
- Hosts: *Nectandra* sp., and a tree branch.
- References: (tx) Wood, S. L. 1986c: 270.
- coronatus** Eggers 1933b: 21. Holotype ♀; Venezuela (Colonia Tovar); MNHN, Paris.
- Distribution: South America (Venezuela).
- References: (ds) Blackwelder 1947: 784. (tx) Eggers 1933b: 2, 21–22.
- curiosus** Bright 1972d: 104. Holotype ♀; Hardwar Gap, 4000', St. Andrew Parish, Jamaica; CNCI, Ottawa.
- Figures: Bright 1972d: 59, 75.
- Distribution: Antilles Islands (Jamaica).
- References: (ds) Bright 1985c: 176. (tx) Bright

1972d: 59, 75, 104, 1985c: 176; McNamara 1985c: 176.

dentatus Eggers 1943a: 382. Holotype ♂?; Bolivia (Cochabamba); Eggers Collection, in NHMW, Wien. Distribution: South America (Bolivia). References: (tx) Eggers 1943a: 382–383; Schedl 1979c: 77.

detrimentosus Schedl 1940a: 355. Syntypes, sex?; Sierra de Durango, Mexico; Schedl Collection in NHMW, Wien.

Figures: Atkinson et al. 1986: 44.

Distribution: North America (Durango, Guerrero, Morelos in Mexico).

Hosts: *Arbutus* sp., etc.

References: (hb) Atkinson & Equihua 1985a: 102; Atkinson et al. 1986: 44; Burgos & Saucedo 1983: 141; Wood, S. L. 1982b: 1300. (ds) Atkinson & Equihua 1985a: 102, 1985c: 362; Atkinson et al. 1986: 44; Blackwelder 1947: 784; Burgos & Saucedo 1983: 141; Ferrer 1942; Thomas, J. B. 1966; Wood, S. L. 1982b: 1300. (tx) Atkinson et al. 1986: 44; Schedl 1940a: 355, 1979c: 79; Wood, S. L. 1982b: 1300.

diligens Wood 1974c: 190. Holotype ♀; Volcan de Agua, Esquintla, Guatemala; Wood Collection.

Figures: Wood 1982b: 1292 (female).

Distribution: North America (Guatemala).

Hosts: *Alnus* sp., *Chusia* sp., *Ficus* sp., etc.

References: (hb) Wood, S. L. 1982b: 1293. (ds) Wood, S. L. 1982b: 1293. (tx) Wood, S. L. 1974c: 190, 1982b: 1293.

discoideus Blandford 1904: 262. Holotype ♂; Venezuela; BMNH, London.

Distribution: South America (Venezuela).

References: (ds) Blackwelder 1947: 784; Hagedorn 1910d: 90; Kleine 1913b: 155, 1914b: 340. (tx) Blandford 1904: 262; Hagedorn 1910a: 145; Schedl 1979c: 92.

donaticus Wood 1974c: 198. Holotype ♀; Colonia Tovar, Aragua, Venezuela; Wood Collection.

Distribution: South America (Venezuela).

Hosts: Small trees and branches.

References: (tx) Wood, S. L. 1974c: 198.

dubiosus (Schedl) 1976a: 81 (*Metacorthylus*). Holotype ♂; Encruzilhada, Bahia, Brazil; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1976a: 81.

eichhoffi Schedl 1933b: 34. Holotype ♀; Costa Rica, Iberia, Sta. Clara [district in Limon Province]; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica).

References: (ds) Blackwelder 1947: 784; Wood, S. L. 1982b: 1310. (tx) Schedl 1933b: 34–35, 1979c: 87; Wood, S. L. 1982b: 1310.

emarginatus Eggers 1943a: 380. Lectotype ♂; Bolivia (Cochabamba); USNM, Washington, designated by Anderson & Anderson 1971: 12.

Distribution: South America (Bolivia).

Notes: (3) Eggers 1943a: 380 (cites *bicolor* Eggers, nomen nudum, synonymy).

References: (tx) Anderson, W. H. & Anderson 1971: 12; Eggers 1943a: 380; Schedl 1979c: 90; Wood, S. L. 1966b: 22.

excisus (Ferrari) 1867a: 71 (*Morizus*). Holotype, sex?; Venezuela [probably Colonia Tovar]; NHMW, Wien.

Distribution: South America (Venezuela).

References: (ds) Blackwelder 1947: 784; Blandford 1904: 253; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 90; Kleine 1914b: 340. (tx) Blandford 1904: 253; Eichhoff 1868d: 419, 1869c: 301; Ferrari 1867a: 71, 1867b: 255; Hagedorn 1910a: 145; Hopkins 1914: 125. (ms) Eichhoff 1868d: 419.

exiguus Wood 1984: 113. Holotype ♀; Cuautenango, Guerrero, Mexico, 1650 m; Wood Collection.

Distribution: North America (Guerrero in Mexico).

References: (ds) Kleine 1913b: 155. (tx) Wood, S. L. 1984: 113.

flagellifer Blandford 1904: 255. Syntypes, sex?; Toxpan in Mexico, San Geronimo and Pantaleon in Guatemala, and Boquete in Panama; BMNH, London.

Figures: Lara & Shenefelt 1965: 174, 176, Wood 1982b: 1304 (female).

Distribution: North America (Guatemala/ Chiapas, Morelos, Nayarit, Veracruz in Mexico/ Panama).

Hosts: *Acacia* sp., *Persea americana*, and other tree branches.

References: (ec) Wichmann 1955a: 107. (hb) Atkinson & Equihua 1985c: 363; Atkinson et al. 1986: 45; Burgos & Saucedo 1983: 143; Lara & Shenefelt 1965: 175; Moreira 1928: 24–25; Wood, S. L. 1982b: 1305. (ds) Atkinson & Equihua 1985c: 363; Atkinson et al. 1986: 45; Blackwelder 1947: 784; Burgos & Saucedo 1983: 143; Ferrer 1942; Guagliumi 1966: 218; Hagedorn 1910d: 90; Kleine 1913b: 155, 1914b: 353, 366; Roba 1935: 338; Wichmann 1955a: 107; Wood, S. L. 1982b: 1305. (tx) Blandford 1904: 255; Eggers 1931b: 41; Hagedorn 1910a: 145; Lara & Shenefelt 1965: 174–176; Schedl 1940a: 350, 1979c: 97; Wood, S. L. 1966b: 22, 1982b: 1305.

cirrus Schedl 1940a: 351. Lectotype ♂; Xochitlan, Morelos, Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 22.

References: (ds) Blackwelder 1947: 784; Ferrer 1942. (tx) Schedl 1940a: 351–354, 1979c: 58; Wood, S. L. 1966b: 22.

nudiusculus Schedl 1950i: 156. Holotype ♀; Mexico, Comitán; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 22.

References: (tx) Schedl 1950i: 156, 1979c: 173; Wood, S. L. 1966b: 22.

fuscus Blandford 1904: 262. Syntypes ♀: "Brazilian" tobacco intercepted at Paris [actual origin was Mexico]; BMNH, London.

Figures: Bustamante & Atkinson 1984: 88, Oranegui & Atkinson 1984: 88.

Distribution: North America (El Salvador/ Guatemala/ Distrito Federal, Mexico in Mexico).

Hosts: *Coffea* sp., *Malus* sp., *Pyrus* sp.

References: (cn) Bustamante & Atkinson 1984; Oranegui & Atkinson 1984. (ec) Wichmann 1955a: 107. (hb) Atkinson & Equihua 1985a: 102, 1985c: 362; Atkinson et al. 1986: 45; Bustamante & Atkinson 1984; Oranegui & Atkinson 1984; Wood, S. L. 1982b: 1283. (ds) Atkinson & Equihua 1985a: 102, 1985c: 362; Atkinson et al. 1986: 45; Blackwelder 1947; Hagedorn 1910d: 90; Kleine 1913b: 155; Wichmann 1955a: 107; Wood, S. L. 1982b: 1289. (tx) Blandford 1904: 262; Bustamante & Atkinson 1984: 88; Hagedorn 1910a: 145; Oranegui & Atkinson 1984: 88; Schedl 1950i: 158; Wood, S. L. 1982b: 1289.

gracilis (Schedl) 1972g: 74 (*Corthylomimus*). Holotype, sex?, Brasilien, Corcovado, Guanabara; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

Notes: (3) A note written by Schedl in his collection gave the genus as *Cortheloderes*, nomen nudum (SLW).

References: (tx) Schedl 1972g: 74, 1979c: 107.

granulatus Schedl 1935h: 345. Holotype ♀; Costa Rica, Turrialba, 800 m; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica).

References: (ds) Blackwelder 1947: 784; Wood, S. L. 1982b: 1289. (tx) Schedl 1935h: 345–346, 1979c: 110; Wood, S. L. 1982b: 1289.

granulifer Wood 1974c: 181. Holotype ♂; Volcan Poas, Heredia, Costa Rica, 2500 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: *Myrica pubescens*, and a tree branch.

References: (tx) Wood, S. L. 1974c: 181.

ingaensis (Schedl) 1939n: 14 (*Metacorthylus*). Holotype ♂; Colombia: El Collegio; BMNH, London.

Distribution: South America (Colombia).

Hosts: *Inga* sp.

References: (ds) Blackwelder 1947: 782. (tx) Schedl 1939n: 14, 1954b: 43, 1979c: 124.

insignis Wood 1974c: 200. Holotype ♀; 24 km E Barbosa, Antioquia, Colombia, 1200 m; Wood Collection.

Distribution: South America (Colombia).

Hosts: *Inga* sp.

References: (tx) Wood, S. L. 1974c: 200.

letzneri Ferrari 1867a: 55, 59. Syntypes, sex?; Venezuela [probably Colonia Tovar]; NHMW, Wien.

Distribution: South America (Colombia/Venezuela).

References: (ds) Blackwelder 1947: 784;

Blandford 1904: 254; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 90; Kleine 1913b: 155, 1914b: 340. (tx) Blandford 1904: 254; Ferrari 1867a: 55, 59; Hagedorn 1910a: 145; Hopkins 1914: 128; Schedl 1950i: 146; Wood, S. L. 1977b: 208, 1977d: 511.

castaneus Ferrari 1867a: 55, 59. Holotype ♂; Venezuela [probably Colonia Tovar]; NHMW, Wien. Synonymy: Schedl 1950i: 146.

References: (ds) Blackwelder 1947: 784; Blandford 1904: 258; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 90; Kleine 1913b: 155, 1914b: 340. (tx) Blandford 1904: 258; Ferrari 1867a: 55, 59; Hagedorn 1910a: 145; Schedl 1950i: 146, 158.

strigilatus Eggers 1933b: 20. Holotype ♂; Venezuela (Colonia Tovar); MNHN, Paris. Synonymy: Wood 1977b: 208.

References: (ds) Blackwelder 1947: 784. (tx) Eggers 1933b: 2, 20–21; Wood, S. L. 1977b: 208.

columbianus Schedl 1950i: 158. Holotype ♀; Columbia, Comatan; Schedl Collection in NHMW, Wien, preoccupied by Hopkins 1895. Synonymy: Wood 1977b: 208.

References: (cn) Blackman 1950. (hb) Blackman 1950. (ds) Blackman 1950. (tx) Schedl 1950i: 158, 1952d: 347, 1979c: 60; Wood, S. L. 1977b: 208.

ater Schedl 1952d: 347. Holotype ♀; Columbia, Comatan; Schedl Collection in NHMW, Wien, automatic. Synonymy: Wood 1977b: 208.

References: (tx) Schedl 1952d: 347, 1979c: 60; Wood, S. L. 1977b: 208.

luridus Blandford 1904: 256. Holotype ♀; Volcan de Chiriqui, Chiriqui, Panama; BMNH, London.

Distribution: Antilles Islands (Guadeloupe), North America (Guatemala/ Panama).

References: (ds) Blackwelder 1947: 784; Bright 1985c: 176; Hagedorn 1910d: 90; Kleine 1913b: 155, 1914b: 366; Wood, S. L. 1982b: 1300. (tx) Blandford 1904: 256; Bright 1985c: 176; Hagedorn 1910a: 145; Wood, S. L. 1982b: 1300.

biseriatus Eggers 1943d: 247. Holotype ♀; Guatemala; IPKE, Eberswalde. Synonymy: Wood 1982b: 1300.

References: (tx) Eggers 1943d: 247; Nunberg 1962: 229; Wood, S. L. 1982b: 247.

lustratus Wood 1984: 113. Holotype ♀; "Texecal," Maiote Poztlan, Morelos, Mexico; Wood Collection.

Distribution: North America (Morelos in Mexico).

References: (ds) Atkinson et al. 1986: 68; Wood, S. L. 1984: 113.

macrocerus Eichhoff 1869a: 279. Holotype ♀; Colombia; IRSNB, Brussels.

Distribution: South America (Colombia/ Ecuador).

References: (ds) Blackwelder 1947: 784; Blandford 1904: 254; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 90; Kleine 1913b: 155,

- 1914b: 342. (tx) Blandford 1904: 254; Eichhoff 1869a: 279–280, 1878b: 423; Hagedorn 1910a: 145.
- mexicanus** Schedl 1950i: 159. Holotype ♂; Mexico, Comitán; Schedl Collection in NHMW, Wien. Figures: Wood 1982b: 1301 (female). Distribution: North America (Honduras/Chiapas, Puebla, Veracruz in Mexico). Hosts: *Clethra hondurensis*, *Lippia substrigosa*, *Malus* sp., *Orcopanax* sp., *Parathesis serrulata*, *Pinus pseudostrubus*, *Rapanea guyanensis*, *Salix* sp. References: (hb) Atkinson & Equihua 1985a: 103; Atkinson et al. 1986: 46; Burgos & Saucedo 1983: 141; Wood, S. L. 1982b: 1301. (ds) Atkinson & Equihua 1985a: 103, 1985c: 362; Atkinson et al. 1986: 46; Burgos & Saucedo 1983: 141; Wood, S. L. 1982b: 1301. (tx) Atkinson et al. 1986: 46; Nunberg 1962: 229; Schedl 1950i: 156, 159, 1979c: 152; Wood, S. L. 1973c: 175, 1982b: 1301.
- glabrinus** Bright 1972a: 1372. Holotype ♀; 14 km SW Teopisca, Chiapas, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 175. References: (tx) Bright 1972a: 1370–1372; McNamara 1977: 195; Wood, S. L. 1973c: 175.
- micacirrus** Wood 1984: 114. Holotype ♀; Chilapa, Guerrero, Mexico; Wood Collection. Distribution: North America (Guerrero in Mexico). Hosts: *Ardesia* sp. References: (tx) Wood, S. L. 1984: 114.
- minimus** Wood 1974c: 192. Holotype ♀; La Ceiba, Atlántida, Honduras; Wood Collection. Distribution: North America (Honduras). References: (ds) Wood, S. L. 1982b: 1297. (tx) Wood, S. L. 1974c: 192, 1982b: 1297.
- minutissimus** Schedl 1940a: 353. Lectotype ♀; Mexico: Chiltepec (Oaxaca); Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 156. Distribution: North America (Honduras/ Oaxaca in Mexico). Hosts: *Suietenia* sp. References: (hb) Wood, S. L. 1982b: 1299. (ds) Blackwelder 1947: 784; Ferrer 1942; Wood, S. L. 1982b: 1299. (tx) Schedl 1940a: 353–354, 1979c: 156; Wood, S. L. 1982b: 1299.
- minutus** Bright 1972a: 1373. Holotype ♀; Lagos de Colores (Lagunas de Montebello National Park), Chiapas, Mexico; CNCI, Ottawa. Figures: Bright 1972a: 1370. Distribution: North America (Chiapas in Mexico). Hosts: *Quercus* sp. References: (ds) Wood, S. L. 1982b: 1303. (tx) Bright 1972a: 1370, 1373; McNamara 1977: 195; Wood, S. L. 1982b: 1303.
- mirabilis** Nunberg 1962: 226. Holotype ♀; Estacao Biologica de Boraceia, Salesopolis, Estado de Sao Paulo, Brasilien; IZW, Warsaw. Figures: Nunberg 1962: 225, 228. Distribution: South America (Brazil).
- References: (tx) Nunberg 1962: 225–226, 228.
- nanus** Wood 1979b: 138. Holotype ♂; 1 km SW Rincon de Osa, Puntarenas, Costa Rica; Wood Collection. Distribution: North America (Costa Rica). Hosts: *Cecropia* sp. leaf petiole. References: (ds) Wood, S. L. 1982b: 1298. (tx) Wood, S. L. 1979b: 138, 1982b: 1298.
- neotardus** Schedl 1980d: 120 (*Corthy cyclon*). Holotype ♂; Caruaru, Pernambuco, Brazil; Schedl Collection in NHMW, Wien, automatic. Distribution: South America (Brazil). References: (tx) Schedl 1980d: 120.
- tardus** Schedl 1976a: 85 (*Corthy cyclon*). Holotype ♂; Caruaru, Pernambuco, Brazil; Schedl Collection in NHMW, Wien, preoccupied by Wood 1974. References: (tx) Schedl 1976a: 85, 1980d: 120; Wood, S. L. 1981: 122.
- tardulus** Wood 1981: 122. Holotype ♂; Caruaru, Pernambuco, Brazil; Schedl Collection in NHMW, Wien, automatic, an unneeded replacement name. References: (tx) Wood, S. L. 1981: 122.
- nevermanni** (Schedl) 1939j: 568 (*Thylurcos*). Holotype ♂; Hamburgfarm on Rio Reventazon, Limón, Costa Rica; Schedl Collection in NHMW, Wien. Distribution: North America (Costa Rica). Notes: (1) Wood 1982b: 1298 (to *Corthy lylus*). References: (ds) Wood, S. L. 1982b: 1298. (tx) Schedl 1939j: 568, 1951m: 127, 1979c: 165; Wood, S. L. 1982b: 1298.
- niger** (Schedl) 1954b: 43 (*Metacorthy lylus*). Lectotype ♀; Brasilien: Sta. Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 166. Distribution: South America (Brazil). References: (ds) Schedl 1966f: 91, 1970e: 85. (tx) Schedl 1954b: 43, 1979c: 166.
- nolenae** Wood 1974c: 194. Holotype ♀; Huajuapán, 21 km SE Oaxaca, Oaxaca, Mexico; Wood Collection. Distribution: North America (Oaxaca in Mexico). Hosts: *Nolena* sp. fruiting stalk. References: (hb) Wood, S. L. 1982b: 1302. (ds) Wood, S. L. 1982b: 1302. (tx) Wood, S. L. 1974c: 194, 1982b: 1302.
- nudipennis** Schedl 1950i: 155. Syntypes ♀; Brazil, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien, and Plaumann Collection. Figures: Pedrosa-Macedo & Schonherr 1985: 63. Distribution: South America (Brazil). Notes: (1) Schedl 1979c: 173 (citation of holotype invalid). References: (ds) Pedrosa-Macedo & Schonherr 1985: 63; Schedl 1967d: 4, 1972f: 47. (tx) McNamara 1977: 1195; Pedrosa-Macedo & Schonherr

- 1985: 63; de Ruelle 1970: 90; Schedl 1950i: 155, 1961i: 229, 1979c: 172.
- nudus** Schedl 1940a: 354. Syntypes ♀; Mexico: San Antonio Nexapa, Chiapas; Dampf Collection and Schedl Collection in NHMW, Wien.
Distribution: North America (Chiapas, Distrito Federal, Mexico, Michoacan in Mexico).
Notes: (1) Schedl 1979c: 173 (citation of holotype invalid).
References: (hb) Atkinson & Equihua 1985a: 102; Atkinson et al. 1986: 46; Burgos & Saucedo 1983: 140; Wood, S. L. 1982b: 1289. (ds) Atkinson & Equihua 1985a: 102; Atkinson et al. 1986: 46; Blackwelder 1947: 784; Burgos & Saucedo 1983: 140; Ferrer 1942; Wood, S. L. 1982b: 1289. (tx) Schedl 1940a: 354, 1979c: 173; Wood, S. L. 1982b: 1289.
- obliquus** Schedl 1976a: 79. Holotype ♀; Represa Rio Grande, Guanabara [Brazil]; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 79.
- oculatus** Wood 1974c: 184. Holotype ♀; Pandora, Limon, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
References: (hb) Wood, S. L. 1982b: 1289. (ds) Wood, S. L. 1982b: 1289. (tx) Wood, S. L. 1974c: 184, 1982b: 1289.
- oliveirai** Schedl 1976a: 80. Holotype ♂; Represa Rio Grande, Guanabara [Brazil]; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 80.
- panamensis** Blandford 1904: 259. Lectotype ♀; Volcan de Chiriqui, Chiriqui, Panama; BMNH, London, designated by Wood 1982b: 1287.
Figures: Blandford 1904: pl. 8, Wood 1982b: 1288 (female).
Distribution: North America (Costa Rica/ Guatemala (?)/ Panama).
Hosts: *Phoebe mexicana*, etc.
References: (hb) Wood, S. L. 1982b: 1287. (ds) Blackwelder 1947: 784; Hagedorn 1910d: 91; Kleine 1913b: 155, 1914b: 366; Schedl 1976a: 56; Wood, S. L. 1982b: 1287. (tx) Blandford 1904: 259; Hagedorn 1910a: 145; Schedl 1933b: 33, 1961i: 230, 1979c: 183; Wood, S. L. 1982b: 1287.
- populans** Eichhoff 1869a: 280. Holotype, sex?; Brasilia; IRSNB, Brussels.
Figures: Wood 1982b: 1304 (female).
Distribution: Antilles Islands (Eleuthera Islands in Bahamas Islands/ Grenada), North America (Costa Rica/ Honduras/ Michoacan, Nayarit, Oaxaca, Veracruz in Mexico/ Panama/ Florida in USA), South America (Brazil/ Cayenne/ Guyana/ Venezuela).
Hosts: *Persea americana*, *Salix guatemalensis*, *Spondias mombin*, *S. purpurea*, *Theobroma cacao*, and other tree branches.
References: (ds) Blackwelder 1947: 784; Blandford 1904: 254; Gemminger & Harold 1872: 2693; Hagedorn 1903b: 547, 1910d: 91; Kleine 1913b: 155, 1914b: 337; Nunberg 1958a: 480; Pedrosa-Macedo & Schonherr 1985: 64; Schedl 1967d: 4, 1972g: 47, 1973d: 160. (tx) Blandford 1904: 254; Eggers 1931b: 42, 1933b: 2; Eichhoff 1869a: 280, 1869c: 301, 1878b: 427; Hagedorn 1903b: 547, 1910a: 145; Nunberg 1958a: 480; Pedrosa-Macedo & Schonherr 1985: 64.
- spinifer** Schwarz 1891b: 114. Syntypes ♀; Key West, Florida [USA]; USNM, Washington.
Synonymy: Eggers 1933b: 2.
References: (bv) Atkinson, Foltz, & Connor 1988. (ec) Equihua & Atkinson 1986: 633; Wilson 1959b: 118. (hb) Atkinson, Foltz, & Connor 1988; Atkinson et al. 1986: 46, 68; Burgos & Saucedo 1983: 142; Chamberlin 1939: 285; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 633; Kabir & Giese 1966a; Ostmark 1968; Schwarz 1891b: 114; Wood, S. L. 1982b: 1304. (ds) Atkinson & Equihua 1985c: 362, 1986a: 422, 1988: 88; Atkinson et al. 1986: 46, 68, 1991: 162; Blatchley & Leng 1916; Bright 1982b: 164, 1985c: 176; Burgos & Saucedo 1983: 142; Chamberlin 1939: 285; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 633; Estrada & Atkinson 1988: 211; Hagedorn 1910d: 91; Henshaw 1895: 44; Kabir & Giese 1966a: 884; Kleine 1913b: 155, 1914b: 384, 1934a: 170; Leng 1920: 339; Ostmark 1968; Schwarz 1891b: 114; Swaine 1909: 91; Wood, S. L. 1977a: 69, 1982b: 1304. (tx) Blatchley & Leng 1916; Bright 1985c: 176; Chamberlin 1939: 285; Eggers 1933b: 2; Hagedorn 1910a: 145; Hopkins 1895d: 104; Kabir & Giese 1966a: 884; Schedl 1940a: 350; Schwarz 1891b: 114; Swaine 1909: 91; Wood, S. L. 1976a: 347, 1977c: 208, 1977d: 512, 1982b: 1304.
- affinis** Fonseca 1925a: 3 (*Metacorthylus*). Syntypes, sex?; Itatiba, Sao Paulo, Brazil; not located, probably in DZSA, Sao Paulo. Synonymy: Eggers 1933b: 2, Wood 1982b: 1304.
References: (cn) Costa Lima 1956. (hb) Costa Lima 1956. (ds) Blackwelder 1947: 784; Costa Lima 1936, 1956; Roba 1935: 338; Schedl 1966f: 91, 1970e: 85, 1973d: 160. (tx) Costa Lima 1956; Fonseca 1925a: 3, 1927: 583–590; Wood, S. L. 1977d: 512, 1982b: 1304.
- affinis** Fonseca 1927: 585. Syntypes, sex?; Itatiba, Sao Paulo, Brazil; not located, probably in DZSA, Sao Paulo. Synonymy: Eggers 1933b: 2, Wood 1982b: 1304.
References: (ds) Kleine 1934a: 171. (tx) Fonseca 1927: 583–590; Wood, S. L. 1977d: 512, 1982b: 1304.
- guayanensis** Eggers 1933b: 22. Syntypes ♂;

- Camopi, Franz, Guayana; MNHN, Paris. Synonymy: Eggers 1933b: 2; Wood 1977b: 208.
References: **(ds)** Blackwelder 1947: 784. **(tx)** Eggers 1933b: 2, 22; Wood, S. L. 1977b: 208.
- tomentosus* Schedl 1940a: 350. Syntypes ♀; Mexico: Tuxtepec, Oaxaca; Dampf Collection and Schedl Collection in NHMW, Wien. Synonymy: Wood 1976a: 347.
Notes: (3) Part of the Dampf Collection went to Schedl, part to an Italian collector whose residence was Rome, and part to the Museo Nacional de Historia Natural or Instituto de Biología, Universidad Nacional Autónoma de México, Ciudad México (SLW).
References: **(ds)** Blackwelder 1947: 784. **(tx)** Schedl 1940a: 350–351, 1979c: 253; Wood, S. L. 1976a: 347.
- parvulus* Blandford 1904: 261. Holotype ♂; Las Mercedes, Guatemala; BMNH, London.
Distribution: North America (Guatemala).
Notes: (3) *Corthylus uniseptis* Schedl could be a synonym (SLW).
References: **(ds)** Blackwelder 1947: 784; Hagedorn 1910d: 91; Kleine 1913b: 155. **(tx)** Blandford 1904: 261; Ferrari 1867a: 53; Hagedorn 1910a: 145; Schedl 1940a: 353; Wood, S. L. 1982b: 1299.
- peruanus* Schedl 1950i: 155. Holotype ♂; Callanga, Peru; [probably from Eggers Collection] in NHMW, Wien.
Distribution: South America (Peru).
References: **(tx)** Schedl 1935h: 345–346, 1950i: 154–155, 1979c: 191.
- petilus* Wood 1967d: 56. Holotype ♀; 5 km W El Salto, Durango, Mexico; Wood Collection.
Figures: Wood 1967d: 54, 1982b: 1233.
Distribution: North America (Durango in Mexico/ Arizona in USA).
Hosts: *Quercus hypoleucoides*, *Q.* sp.
References: **(tx)** Wood, S. L. 1967d: 54, 56–57, 1982b: 1233, 1308.
- pharax* Schedl 1976a: 80. Holotype ♀; Caruaru, Pernambuco, Brasil; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(hb)** Wood, S. L. 1982b: 1308. **(ds)** Pedrosa-Macedo & Schonherr 1985: 65; Wood, S. L. 1982b: 1308. **(tx)** Pedrosa-Macedo & Schonherr 1985: 65; Schedl 1976a: 80; Wood, S. L. 1982b: 1308.
- pisinnus* Bright 1972d: 103. Holotype ♀; Penlyne Castle, St. Thomas Parish, Jamaica; CNCI, Ottawa.
Distribution: Antilles Islands (Jamaica).
References: **(ds)** Bright 1985c: 176. **(tx)** Bright 1972d: 103, 1985c: 176; McNamara 1977: 195.
- praealtus* Schedl 1976a: 80. Holotype ♂; Brasilien, Rio Negro; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1976a: 80.
- praeustus* Schedl 1950i: 153. Lectotype ♀; Guatemala; Schedl Collection in NHMW, Wien, designated by Wood 1982b: 1308.
Distribution: North America (Guatemala), South America (Peru).
Notes: (1) Schedl 1979c: 198 (citation of holotype invalid).
References: **(ds)** Blackwelder 1947: 784; Wood, S. L. 1982b: 1308. **(tx)** Eggers 1931c: 184; Schedl 1950i: 153, 1979c: 198; Wood, S. L. 1982b: 1308.
- procerus* Bright 1972a: 1376. Holotype ♀; 10 km S Valle Nacional, Oaxaca, Mexico; CNCI, Ottawa.
Figures: Bright 1972a: 1370, 1377, Wood 1982b: 1307 (female).
Distribution: North America (Costa Rica/ Oaxaca in Mexico/ Panama).
Hosts: *Siparuna nicaraguensis*, and a liana.
References: **(hb)** Wood, S. L. 1982b: 1310. **(ds)** Wood, S. L. 1982b: 1310. **(tx)** Bright 1972a: 1370, 1376–1377; McNamara 1977: 195; Wood, S. L. 1982b: 1310.
- ptyocerus* Blandford 1904: 257. Lectotype ♀; Volcan de Chiriqui, Chiriqui, Panama; BMNH, London, designated by Wood 1982b: 1295.
Distribution: North America (Panama).
References: **(ds)** Blackwelder 1947: 784; Hagedorn 1910d: 91; Kleine 1913b: 155, 1914b: 366; Wood, S. L. 1982b: 1295. **(tx)** Blandford 1904: 257; Hagedorn 1910a: 145; Wood, S. L. 1982b: 1295.
- pumilus* Wood 1974c: 192. Holotype ♀; Madden Forest, Canal Zone, Panama, 30 m; Wood Collection.
Distribution: North America (Panama).
Hosts: Tree branch.
References: **(hb)** Wood, S. L. 1982b: 1297. **(ds)** Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 1297. **(tx)** Wood, S. L. 1974c: 192, 1982b: 1297.
- punctatissimus* (Zimmermann) 1868: 144 (*Crypturgus*). Syntypes, sex?, South Carolina [USA]; not located.
Figures: Wood 1982b: 1288 (female).
Distribution: North America (Ontario in Canada/ Arkansas, Colorado, Connecticut, District of Columbia, Florida, Georgia, Illinois, Kentucky, Massachusetts, Michigan, Minnesota, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, Tennessee, Vermont, Virginia, West Virginia in USA).
Hosts: *Acer saccharinum*, *Berberis* sp., *Carpinus* sp., *Cercocarpus* sp., *Cornus* sp., *Corylus* sp., *Gaylussacia* sp., *Ostrya* sp., *Rhododendron* sp., *Sassafras* sp., *Vaccinium* sp., *Viburnum betuloides*.
References: **(ay)** Finnegan 1963, 1967; Hopkins 1894g. **(bv)** Atkinson, Foltz, & Connor 1988; Meixner 1937: 1218; Rose, A. H. & Lindquist 1982b: 133. **(cn)** Adrien 1947: 113–117; Baker, W. L. 1972: 265; Beal et al. 1952: 46; Blackman 1950; Boyd 1945: 114–115, 1953: 139–140; Comtois

- 1988: 182; Daviault 1948: 30; Doane et al. 1936: Drooz 1985: 370; Felt 1905: 50, 65, 1906: 732, 1913: 427, 1915: 36, 1924: 44, 1926: 44, 1933: 45–51; Felt & Rankin 1932: 328, 437; Finnegan 1967; Finnegan, McPhee, & Watson 1959: 2; Fisher, Thompson, & Webb 1953; Hamilton 1933: 62–63; Headlee 1916, 1917: 306–335; Herrick 1935: 179, 322; Howse, Gross, & Rose 1981: 61; Hubbard 1897b: 16–17; Langford & Cory 1939: 50; Lindquist, O. H. & Syme 1981: 32; Martineau 1964b: 45; Packard 1890: 387–390; Pirone 1941: 376; Robert 1947a: 113; Roeper et al. 1987; Rose, A. H. & Lindquist 1982a, 1982b: 133; Sippell, Dance, & Rose 1966: 57; Sippell, MacDonald, & Rose 1960: 56–57, 1961: 56, 1962: 61, 1963: 63, 1964: 62, 1965: 63; Sorachi 1934: 34, 42, 1937: 50, 1941: 50–51; Syme & Nystrom 1988: 33; Twinn 1934: 124; Weigel & Baumhofer 1948: 73–74; White 1933: 631–640; White & Hamilton 1935: 15. (**cc**) Baker, W. L. 1972: 265; Comtois 1988: 182; Felt 1905, 1906: 65, 1915: 36; Finnegan 1963; Roeper 1988; Rose, A. H. & Lindquist 1982b: 133; Rumbold 1931c: 849; Steinhaus 1946: 404; Wilson 1959b: 115. (**hb**) Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 265; Beal & Massey 1945: 104–105; Bellevoye 1898; Blackman 1950; Boyd 1953: 139; Bright 1976d: 192; Chamberlin 1939: 284; Chittenden 1890; Comtois 1988: 182; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Drooz 1985: 370; Felt 1905, 1906: 65, 1915: 36, 1926: 44; Felt & Rankin 1932: 328, 437; Finnegan 1967; Herrick 1935: 179, 322; Hopkins 1894d: 145, 281, 1894g: 277, 1905c: 145; Hubbard 1897a: 423, 1897b: 16; Kabir & Giese 1966a; Lengerken 1954: 312; Merriam 1883: 84–86; Packard 1890: 387; Pierce, W. D. 1907: 290; Robert 1947a: 113; Roeper et al. 1987; Rose, A. H. & Lindquist 1982a, 1982b: 133; Schwarz 1890: 178, 1891b: 109–115; Smith, E. F. 1896: 318; Sorachi 1937: 50; Weiss 1916: 105; Wenzel 1906: 37; Wood, S. L. 1982b: 1290. (**ds**) Anonymous 1926c: 517, 1964h; Atkinson et al. 1991: 162; Beal & Massey 1945: 105–106; Beaulne 1956; Blackman 1950; Blandford 1904: 253; Blatchley & Leng 1916: 642; Bright 1976d: 192; Chamberlin 1939: 284; Chittenden 1890; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66, 1987b: 68; Dodge 1938; Drooz 1985: 370; Felt 1915: 36, 1926: 44; Felt & Rankin 1932: 328, 437; Finnegan 1963: 137, 1967: 50; Fox-Wilson 1938: 2, 318; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 91; Hamilton 1895a: 346, 378; Henshaw 1885: 147; Hopkins 1893a: 127, 1893b: 207; Kabir & Giese 1966a: 884; Kirk 1970; Kleine 1913b: 155, 1914b: 384, 1934a: 170; Knull 1932: 66; Leng 1920: 339; Leonard 1928: 517; Lindquist, O. H. & Syme 1981: 32; Robert 1947a: 113; Roeper et al. 1987; Schwarz 1895b: 109; Smith, J. B. 1900: 361, 1910: 400; Swaine 1909: 91; Syme & Nystrom 1988: 33; Thatcher, T. O. 1951: 80; Weiss 1915: 473; Wood, S. L. 1982b: 1290. (**tx**) Beal & Massey 1945: 104–105; Benoit 1985: 78; Blandford 1904: 253–254; Blatchley & Leng 1916: 642; Bright 1976d: 192, 204, 214; Chamberlin 1939: 284; Dodge 1938: 13, 38; Eichhoff 1878b: 428, 460; Finnegan 1967; Hagedorn 1910a: 145; Hopkins 1895d: 104; Hubbard 1897b: 16; Jacques 1951: 353; Kabir & Giese 1966a: 884; LeConte 1868: 154, 1876: 347; LeConte & Horn 1883: 517; Lindquist, O. H. & Syme 1981: 32; Meixner 1937: 218; Schedl 1940a: 354, 1950i: 155, 1960a: 77; Schwarz 1891b: 109; Swaine 1909: 91; Syme & Nystrom 1988: 33; Wood, S. L. 1982b: 1290; Zimmerman 1868: 144.
- punctatus** Eggers 1943a: 382. Holotype ♀; Bolivia (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia).
References: (**cn**) Lavalley & Benoit 1978: 42; Pirone, Dodge, & Rickett 1960: 615; Sippell, Dance, & Rose 1966: 57; Sippell, MacDonald, & Rose 1960: 57. (**tx**) Anderson, W. H. & Anderson 1971: 26; Eggers 1943a: 382.
- pusillus** Eggers 1943a: 380. Holotype ♂; Bolivia (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia).
References: (**tx**) Anderson, W. H. & Anderson 1971: 27; Eggers 1943a: 380–381.
- pygmaeus** Wood 1974c: 195. Holotype ♀; Finca La Lola, Limon, Costa Rica; Wood Collection.
Figures: Wood 1982b: 1301 (female).
Distribution: North America (Costa Rica).
Hosts: *Theobroma cacao*, and a tree branch.
References: (**hb**) Wood, S. L. 1982b: 1303. (**ds**) Atkinson & Equihua 1988: 86; Wood, S. L. 1982b: 1303. (**tx**) Wood, S. L. 1974c: 195, 1982b: 1303.
- redtenbacheri** Ferrari 1867a: 55, 60, 70. Syntypes ♂; Venezuela [probably Colonia Tovar]; NHMW, Wien.
Distribution: South America (Venezuela).
References: (**ds**) Blackwelder 1947: 784; Blandford 1904: 259; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 91; Kleine 1913b: 155, 1914b: 340. (**tx**) Blandford 1904: 259; Ferrari 1867a: 55, 60, 70; Hagedorn 1910a: 145; Schedl 1935h: 345, 1940a: 354, 1950i: 146.
- retusifer** Wood 1974c: 183. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Figures: Wood 1982b: 1280 (female).
Distribution: North America (Costa Rica).
Hosts: *Phoebe mexicana*, a tree branch, and a liana.
References: (**hb**) Wood, S. L. 1982b: 1281. (**ds**) Wood, S. L. 1982b: 1281. (**tx**) Wood, S. L. 1974c: 183, 1982b: 1281.
- retusus** Wood 1974c: 182. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Figures: Wood 1982b: 1280 (female).
Distribution: North America (Costa Rica).

- Hosts: *Miconia* sp., *Phoebe mexicana*, *Solanum torvum*.
References: (hb) Wood, S. L. 1982b: 1279. (ds) Wood, S. L. 1982b: 1279. (tx) Wood, S. L. 1974c: 182, 1982b: 1279.
- robustus** Schedl 1936i: 108. Holotype ♀; Brasilien, Nova-Teutonia; Schedl Collection in NHMW, Wien. Figures: Pedrosa-Macedo & Schonherr 1985: 66. Distribution: South America (Brazil).
Hosts: *Inga* sp.
Notes: (3) Schedl 1980d: 120 (described male).
References: (ds) Blackwelder 1947: 784; Pedrosa-Macedo & Schonherr 1985: 66; Schedl 1976a: 56; Schonherr & Pedrosa-Macedo 1981: 54. (tx) Pedrosa-Macedo & Schonherr 1985: 66; Schedl 1936i: 108, 1939j: 564, 1979c: 212, 1980d: 120.
- rubricollis** Blandford 1904: 260. Lectotype ♀; Volcan de Chiriquí, Chiriquí, Panama; BMNH, London, designated by Wood 1982b: 1284. Figures: Blandford 1904: pl. 8, Wood 1982b: 1284 (female).
Distribution: North America (Costa Rica/ Guatemala (?)/ Panama), South America (Colombia).
Hosts: *Miconia caudata*, *Myrica pubescens*, *Werklia insignis*.
References: (hb) Wood, S. L. 1982b: 1286. (ds) Blackwelder 1947: 784; Hagedorn 1910d: 91; Kleine 1913b: 155, 1914b: 366; Schedl 1961c: 1; Wood, S. L. 1961c: 1, 1982b: 1286. (tx) Blandford 1904: 260; Hagedorn 1910a: 145; Schedl 1933b: 33, 1935h: 346, 1950i: 158, 1979c: 214; Wood, S. L. 1961c: 1, 1982b: 1286.
- rufopilosus** Eggers 1931b: 39. Holotype ♀; Sao Paulo [Brazil]; Prague Museum.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 784. (tx) Eggers 1931b: 39–40; Schedl 1954n: 42, 1963d: 224, 1979c: 215.
- sanguineus** Schedl 1935h: 346. Holotype ♀; Costa Rica, [San Isidro de] Coronado; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
Hosts: *Persea americana*.
References: (ds) Blackwelder 1947: 784; Wood, S. L. 1982b: 1287. (tx) Schedl 1935h: 346–347, 1950i: 156, 1979c: 219; Wood, S. L. 1982b: 1287.
- schaufussi** Schedl 1937g: 69. Lectotype ♂; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien.
Figures: Pedrosa-Macedo & Schonherr 1985: 66–67, Terra 1987: 29.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 784; Nunberg 1971: 57; Pedrosa-Macedo & Schonherr 1985: 67; Schedl 1966f: 91, 1967d: 4, 1970e: 85, 1972g: 47, 1973d: 160; Terra 1987: 27. (tx) Pedrosa-Macedo & Schonherr 1985: 66–67; Schedl 1937g: 69–70, 1939j: 564, 1950i: 147, 1979c: 221; Terra 1987: 27, 29.
- senticosus** Wood 1986c: 271. Holotype ♀; Jalapa, Veracruz, Mexico; Wood Collection.
Distribution: North America (Veracruz in Mexico).
Hosts: *Psittacanthus schiedeana*.
References: (tx) Wood, S. L. 1986c: 271.
- sentosus** Wood 1986c: 271. Holotype ♀; Km 32 on Carretera Patzcuaro-Ario de Rosales, Michoacan, Mexico; Wood Collection.
Distribution: North America (Michoacan in Mexico).
Hosts: *Psittacanthus* sp.
References: (tx) Wood, S. L. 1986c: 271.
- sentus** Wood 1974c: 195. Holotype ♀; 2 km SE Cartago, Cartago, Costa Rica, 1300 m; Wood Collection.
Figures: Wood 1982b: 1301 (female).
Distribution: North America (Costa Rica/ Guatemala).
Hosts: *Miconia schlechtendalii*, also in a liana, shrub, and tree.
References: (hb) Wood, S. L. 1982b: 1303. (ds) Wood, S. L. 1982b: 1303. (tx) Wood, S. L. 1974c: 195, 1982b: 1303.
- serratus** Wood 1974c: 197. Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Figures: Wood 1982b: 1307 (female).
Distribution: North America (Costa Rica/ Panama).
Hosts: *Inga* sp., *Miconia globuliflora*, *Phoebe mexicana*, *Siparuna nicaraguensis*, *Werklia insignis*.
References: (hb) Wood, S. L. 1982b: 1306. (ds) Wood, S. L. 1982b: 1306. (tx) Wood, S. L. 1974c: 197, 1982b: 1306.
- serrulatus** Eggers 1934a: 82. Syntypes 1 ♂, 1 ♀; Bolivien (Cochabamba); ♂ MNHN, Paris, ♀ Eggers Collection, in NHMW, Wien.
Distribution: South America (Bolivia).
References: (ds) Blackwelder 1947: 784. (tx) Eggers 1934a: 82; Schedl 1979c: 225.
- simillimus** Schedl 1966f: 118. Holotype ♂; Venezuela; Schedl Collection in NHMW, Wien.
Distribution: South America (Venezuela).
References: (tx) Schedl 1966f: 118, 1979c: 230.
- simplex** Wood 1974c: 187. Holotype ♀; Cerro de la Muerte, San Jose, Costa Rica, 3100 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Podocarpus oleifolius*, and other tree branches.
References: (ds) Wood, S. L. 1982b: 1286. (tx) Wood, S. L. 1974c: 187, 1982b: 1286.
- sobrinus** Wood 1974c: 196. Holotype ♀; Turrialba, Cartago, Costa Rica, 700 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Theobroma cacao*.
References: (hb) Wood, S. L. 1982b: 1305. (ds) Wood, S. L. 1982b: 1305. (tx) Wood, S. L. 1974c: 196, 1982b: 1305.

- spinosus** Wood 1974c: 194. Holotype ♂: Fortín de las Flores-Sumidero, Veracruz, Mexico, 900 m; Wood Collection.
Distribution: North America (Veracruz in Mexico).
References: (ds) Wood, S. L. 1982b: 1302. (tx) Wood, S. L. 1974c: 194, 1982b: 1302.
- strigilis** Wood 1974c: 189. Holotype ♀; 16 km SE Cartago, Cartago, Costa Rica, 1800 m; Wood Collection.
Distribution: North America (Costa Rica/ Panama).
Hosts: *Cecropia* sp., *Miconia globuliflora*, *Myrica pubescens*, *Ochroma* sp., *Phoebe mexicana*, *Werkliia insignis*.
References: (hb) Wood, S. L. 1982b: 1293. (ds) Wood, S. L. 1982b: 1293. (tx) Wood, S. L. 1974c: 189, 1982b: 1293.
- subasperulus** Eggers 1940a: 141. Lectotype ♀; Guadeloupe; USNM, Washington, designated by Anderson & Anderson 1971: 32.
Distribution: Antilles Islands (Dominica/ Guadeloupe).
References: (tx) Anderson, W. H. & Anderson 1971: 32; Bright 1981c: 153; Eggers 1940a: 141; Schedl 1979c: 240.
- subseratus** Wood 1974c: 197. Holotype ♀; Volcán Poás, Heredia, Costa Rica; Wood Collection.
Figures: Wood 1982b: 1307 (female).
Distribution: North America (Costa Rica).
Hosts: Tree branch, *Vaccinium consanguineum*.
References: (hb) Wood, S. L. 1982b: 1306. (ds) Wood, S. L. 1982b: 1306. (tx) Wood, S. L. 1974c: 197, 1982b: 1306.
- subsulcatus** Schedl 1961i: 230. Holotype ♀; Bolivia, Cochabamba, Prov. Chapara, km 150, Jungas del Palmar; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (ds) Schedl 1960a: 77, 1961i: 230.
- suturalis** Eggers 1931b: 41. Lectotype ♂; Brasilien (Espírito Santo); USNM, Washington, designated by Anderson & Anderson 1971: 33.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 784; Pedrosa-Macedo & Schonherr 1985: 68; Schedl 1967d: 4, 1972g: 47, 1973d: 160. (tx) Anderson, W. H. & Anderson 1971: 33; Eggers 1931b: 41–42; Pedrosa-Macedo & Schonherr 1985: 68; Schedl 1950i: 155, 1979c: 247.
- suturifer** Schedl 1963c: 165. Holotype ♀; Córdoba, Veracruz, Mexico; Schedl Collection in NHMW, Wien.
Distribution: North America (Veracruz in Mexico).
References: (ds) Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 1296. (tx) Schedl 1963c: 165, 1979c: 248; Wood, S. L. 1982b: 1296.
- theobromae** Nunberg 1971: 59. Holotype ♂; Ilheus, Bahia, Brasilien; MZUSP, São Paulo.
Figures: Nunberg 1971: 60, Terra 1987: 27, 29.
Distribution: South America (Brazil).
Hosts: *Theobroma cacao*.
References: (ds) Nunberg 1971: 59; Terra 1987: 27. (tx) Nunberg 1971: 59–60; Terra 1987: 27, 29.
- transversus** Eichhoff 1869a: 279. Holotype, sex?; Nov. Granada; IRSNB, Brussels.
Distribution: South America (Colombia).
References: (ds) Blackwelder 1947: 784; Blandford 1904: 254; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 91; Kleine 1913b: 155, 1914b: 342. (tx) Blandford 1904: 254; Eichhoff 1869a: 279, 1869c: 301, 1878b: 426; Hagedorn 1910a: 145.
- trucis** Wood 1974c: 193. Holotype ♀; 16 km SE Cartago, Cartago, Costa Rica, 1800 m; Wood Collection.
Figures: Wood 1982b: 1301 (female).
Distribution: North America (Costa Rica).
Hosts: *Miconia globuliflora*.
References: (hb) Atkinson et al. 1986: 46; Burgos & Saucedo 1983: 140. (ds) Atkinson et al. 1986: 46; Burgos & Saucedo 1983: 140; Wood, S. L. 1982b: 1299. (tx) Wood, S. L. 1974c: 193, 1982b: 1299.
- truncatus** Wood 1985: 272. Holotype ♀; jungle near Leonpampa, Huanuco Department, Peru, 800 m; Wood Collection.
Distribution: South America (Peru).
References: (tx) Wood, S. L. 1985: 272.
- trunculus** Wood 1974c: 191. Holotype ♀; 13 km S El Hato del Volcán, Chiriquí, Panamá; Wood Collection.
Distribution: North America (Costa Rica/ Panamá).
Hosts: Small tree, and a liana.
References: (hb) Wood, S. L. 1982b: 1296. (ds) Wood, S. L. 1982b: 1296. (tx) Wood, S. L. 1974c: 191, 1982b: 1296.
- tuberculatus** Eggers 1940a: 140. Lectotype ♂; Guadeloupe; USNM, Washington, designated by Anderson & Anderson 1971: 34.
Distribution: Antilles Islands (Dominica/ Guadeloupe).
References: (ds) Bright 1981c: 153, 1985c: 176. (tx) Anderson, W. H. & Anderson 1971: 34; Bright 1985c: 176; Eggers 1940a: 140, 1941a: 108; Schedl 1979c: 257.
- tulcanus** Hagedorn 1910b: 6. Holotype, sex?; Ecuador - Tulcan; MNHN, Paris.
Distribution: South America (Ecuador).
References: (ds) Blackwelder 1947: 784; Hagedorn 1910d: 91; Kleine 1913b: 155, 1914b: 343. (tx) Hagedorn 1910a: 145, 1910b: 6.
- uniseptis** Schedl 1961i: 229. Holotype ♂; Mexico, Córdoba, Ver.; CAS, San Francisco.
Figures: Bright 1972a: 1370.
Distribution: North America (Chiapas, Veracruz in Mexico).
References: (ds) Atkinson & Equihua 1985c: 362,

- 1986a: 422; Schedl 1960a: 75; Wood, S. L. 1982b: 1299. **(tx)** Schedl 1960a: 75, 1961i: 229, 1979c: 260; Wood, S. L. 1974d: 280, 1982b: 1299.
- reburus* Bright 1972a: 1375. Holotype ♀; Palenque Ruins, Chiapas, Mexico; CNCI, Ottawa. Synonymy: Wood 1974d: 280.
References: **(tx)** Bright 1972a: 1370, 1375; McNamara 1977: 195; Wood, S. L. 1974d: 280.
- venustus** Schedl 1951m: 127 (*Thylurcos*). Holotype ♂; Brasilien; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil).
References: **(tx)** Schedl 1951m: 127, 1979c: 265.
- villifer** Wood 1974c: 183. Holotype ♀; 15 km SE Cartago, Costa Rica, 1800 m; Wood Collection. Distribution: North America (Costa Rica/ Panama). Hosts: *Siparuna nicaraguensis*, and a liana.
References: **(hb)** Wood, S. L. 1982b: 1281. **(ds)** Wood, S. L. 1982b: 1281. **(tx)** Wood, S. L. 1974c: 183, 1982b: 1281.
- villosus** Eggers 1943a: 381. Holotype ♂; Bolivia (Cochabamba); Eggers Collection, in NHMW, Wien. Distribution: South America (Bolivia/ Brazil). Notes: (3) Schedl 1976a: 81 (described female).
References: **(ds)** Schedl 1972g: 47, 1973d: 160.
- (tx)** Eggers 1943a: 381; Schedl 1976a: 81, 1979c: 268.
- villus** Bright 1972a: 1371. Holotype ♀; Yerba Buena, 32 km N Bochil, Chiapas, Mexico; CNCI, Ottawa.
Figures: Bright 1972a: 1370, Wood 1982b: 1280 (female).
Distribution: North America (Costa Rica/ Guatemala/ Chiapas, Puebla in Mexico).
Hosts: *Alnus* sp., *Spondias purpurea*, and other tree branches.
References: **(hb)** Wood, S. L. 1982b: 1281. **(ds)** Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 1281. **(tx)** Bright 1972a: 1370–1371; McNamara 1977: 195; Wood, S. L. 1982b: 1281.
- zelus** Wood 1974c: 190. Holotype ♀; Cerro de la Muerte, San Jose, Costa Rica; Wood Collection. Figures: Wood 1982b: 1294 (female).
Distribution: North America (Costa Rica).
Hosts: *Brunellia costaricensis*.
References: **(hb)** Wood, S. L. 1982b: 1293. **(ds)** Wood, S. L. 1982b: 1293. **(tx)** McNamara 1977: 195; Wood, S. L. 1974c: 190, 1982b: 1293.

Genera Incertae Sedis

Genus *Bufonus* Eggers

BUFONUS EGGER 1919: 231. Type-species: *Bufonus obscurus* Eggers, monobasic.

Notes: (1) The holotype and only known specimen of the type-species is lost. The description suggests that is a Hypoborini.

References: (tx) Eggers 1919: 231; Schedl 1961k: 444.

***obscurus* Eggers** 1919: 231. Holotype, sex?; Amani, Ost-Afrika; Hamburg Museum, lost.

Distribution: Africa (Tanzania).

References: (tx) Eggers 1919: 231; Schedl 1961k: 444.

Genus *Carphoborites* Schedl

CARPHOBORITES SCHEDL 1947a: 32. Type-species: *Carphoborites keilbachi* Schedl, present designation.

Notes: (1) This genus is doubtfully distinct from *Carphoborus*. The lapsus calami, *Charphoborites*, was corrected by Schedl on p. 33.

References: (tx) Schedl 1947a: 32.

***keilbachi* Schedl** 1947a: 32. Holotype, sex?; Baltische Bernstein; Geologisch-Palaeontologische Institut Albertus Universitat, Konigsberg.

Distribution: Europe (fossil in Baltic amber).

References: (tx) Schedl 1947a: 32.

***posticus* Schedl** 1947a: 33. Holotype, sex?; Baltische Bernstein; Geologisch-Palaeontologische Institut Albertus Universitat, Konigsberg.

Distribution: Europe (fossil in Baltic amber).

References: (tx) Schedl 1947a: 33.

Genus *Cryphalites* Cockerell

CRYPHALITES COCKERELL 1917: 368. Type-species: *Cryphalites rugosissimus* Cockerell, monobasic.

References: (tx) Cockerell 1917: 368.

***rugosissimus* Cockerell** 1917: 368. Holotype, sex?; Burmese amber; University of Colorado, Boulder [not now present in that collection].

Distribution: Asia (fossil in Burmese amber).

Notes: (1) This specimen was not examined by us, and is unknown to us except for the very brief description. It is tentatively assigned to the Cryphalini.

References: (ds) Keilbach 1985: 255. (tx) Cockerell 1917: 368. (ms) Keilbach 1985: 255.

Genus *Taphramites* Schedl

TAPHRAMITES SCHEDL 1947a: 41. Type-species: *Taphramites gnathotrichus* Schedl, monobasic.

References: (tx) Schedl 1947a: 41–43.

***gnathotrichus* Schedl** 1947a: 42. Holotype, sex?; Baltische Bernstein; Geologisch-Palaeontologische Institut Albertus Universitat, Konigsberg.

Distribution: Europe (fossil in Baltic amber).

Notes: (1) This species probably belongs in or near *Dryocoetes* in the Dryocoetini.

References: (ds) Keilbach 1982: 255. (tx) Schedl 1947a: 42, 1970c: 68–70. (ms) Keilbach 1982: 255.

Genus *Toxophthorus* Wood

TOXOPHTHORUS WOOD 1962: 77. Type-species: *Toxophthorus africanus* Eggers, automatic.

Toxophthorus Eggers 1920: 119. Type-species: *Toxophthorus africanus* Eggers, preoccupied by Schoenherr 1836.

References: (tx) Eggers 1920: 119–120; Schedl 1957d: 14, 1961k: 735; Wood, S. L. 1962: 77.

References: (tx) Wood, S. L. 1962: 77.

***africanus* (Eggers)** 1920: 119 (*Toxophthorus*). Holotype, sex?; Deutsch-Ostafrika; Hamburg Museum, lost.

Distribution: Africa (Tanzania).

Hosts: Copal.

Notes: (1) This species is apparently a Dryocoetini in or near *Tiarophorus* or *Xylocleptes*. Although it was named as a fossil, it is probably a living species.

References: (tx) Eggers 1920: 119; Schedl 1957d: 14, 1961k: 735.

Genus *Xyleborites* Wickham

XYLEBORITES WICKHAM 1913: 26. Type-species: *Xyleborites longipennis* Wickham, monobasic.

References: (tx) Leng 1920: 363; Wickham 1913: 26.

***longipennis* Wickham** 1913: 26. Holotype, sex?; Miocene (Colorado) [USA]; not located.

Distribution: North America (Miocene fossil from Colorado in USA).

Notes: (1) Essential characters were not described. It is uncertain where this species fits in classification or even if it is actually a scolytid.

References: (tx) Leng 1920: 363; Wickham 1913: 26.

Genus *Xylechinites* Hagedorn

XYLECHINITES HAGEDORN 1906: 120. Type-species: *Xylechinites anceps* Hagedorn, monobasic.

References: (tx) Hagedorn 1906: 120; Schedl 1947a: 30–31.

***anceps* Hagedorn** 1906: 120. Holotype, sex?; Baltische Bernstein; Geologisch-Palaeontologische Institut Albertus Universitat, Konigsberg.

Figures: Schedl 1947a: 31 (photograph of type).

Distribution: Europe (fossil in Baltic amber).

Notes: (1) This species appears to be a Tomicini, but it may not be allied to *Xylechinus*. (3) Schedl 1947a: 31 (redescribed).

References: (ds) Keilbach 1982: 255. (tx) Hagedorn 1906: 120; Keler 1928: 28; Schedl 1947a: 31. (ms) Keilbach 1982: 255.

Genus *Cynanchophagus* Axentjev

CYNANCHOPHAGUS AXENTJEV 1987:000. Type-species: *Cynanchophagus cornutus* Axentjev, monobasic.

References: (tx) Axentjev 1987:000.

cornutus Axentjev 1987:000. Holotype ♀;
Tadzhikistan: lowland of river Vakhsh, nature
reserve "Tigrovia balka"; IZL, St. Petersburg/Len-
ingrad.
Distribution: Asia (Tadzhikistan in USSR).

Hosts: *Cynanchum sibiricum*.

Notes: (1) We have not seen the original descrip-
tion or specimens of this species.

References: (tx) Axentjev 1987:000.

Catalog of Platypodidae

Family Platypodidae Erichson

Platypodidae (including the French Platypides)

Notes: In the absence of a comprehensive review of genera for the Platypodidae since the family was named, it was intended that such a study would be completed prior to completion of this catalog. Immovable publication deadlines made that impossible. However, after the catalog was completed but before it was published the review of genera was prepared and will be published in the 1993 *Great Basin Naturalist* (SLW).

References: Balachowsky 1949a: 275; Barbey 1901: 28; Beal & Massey 1945: 62; Bedel 1888b: 385, 404, 421; Blandford 1895b: 89; Broun 1880: 539; Brues & Melander 1932: 445; Chapuis 1865; Costa Lima 1956: 339; Erichson 1847: 138; Handlirsch 1925: 692; Hopkins 1915c: 225; Jacquelin du Val & Fairmaire 1868: 109; Lacordaire 1866: 355; LeConte 1873: 13, 1876: 341; LeConte & Horn 1883: 513; Leng 1920: 337; Lindemann 1876: 151; Lovendal 1889b: 5; Lucas 1920: 50; Nunberg 1954: 13, 92; Reitter 1894: 39, 93, 1913a: 13; Schedl 1939b: 377, 388, 396, 1972f; Strohmeyer 1912c: 1–26; Swaine 1909: 83; Thomson 1865: 377; Tredl 1907: 4.

Platypodinae

References: Blandford 1895b: 89; Strohmeyer 1911: 218, 1912: 4; Swaine 1909: 83.

Platypodini

References: Schedl 1939b: 396.

Platypites

References: Fairmaire 1868: 107.

Platypodae

References: Eichhoff 1881: 305.

Platytarsulidae

References: Schedl 1939b: 381, 387.

Platytarsulinae

References: Schedl 1972f: 83, 269.

Subfamily Coptonotinae Chapuis

Coptonotidae

References: Balachowsky 1949a: 51; Blackman 1944: 77–78; Blackwelder 1947: 788; Chapuis 1869: 11, 1873: 219; Nunberg 1953: 43, 46; Schedl 1939b: 381, 386–387, 1940a: 318, 328, 1962: 3–14.

Coptonotinae

References: Hopkins 1915c: 225, 227; Schedl 1939b: 381, 387.

Chapuisidae

References: Blackman 1944: 77–78; Strohmeyer 1914b: 1–4.

Tribe Coptonotini Chapuis

Coptonotidae

References: Balachowsky 1949a: 51; Blackman 1944: 77–78; Blackwelder 1947: 788; Chapuis 1869: 11, 1873: 219; Nunberg 1953: 43, 46; Schedl 1939b: 381, 386–387, 1940a: 318, 328, 1962d: 314.

Genus *Coptonotus* Chapuis

COPTONOTUS CHAPUIS 1869: 11. Type-species: *Coptonotus cyclopus* Chapuis, monobasic.

References: (ds) Blackwelder 1947: 788; Hagedorn 1910d: 7. (tx) Blackman 1944: 77–78; Blandford 1893d: 427, 441; Chapuis 1869: 11, 1873: 219; Eggers 1935a: 75; Hagedorn 1910a: 34–37; Hopkins 1914: 118, 133; Schaufuss 1905: 89; Schedl 1939b: 386, 1948b: 262, 1962d: 8.

cyclopus Chapuis 1869: 11. Syntypes, sex²; Nouvelle-Grenade; IRSNB, Brussels.

Figures: Equihua & Atkinson 1987: 11, Schedl 1962d: fig. 3.

Distribution: North America (Costa Rica/ Panama), South America (Colombia/ Peru).

Hosts: Probably *Quercus* sp.

References: (ds) Blackwelder 1947: 788; Equihua & Atkinson 1987: 10; Hagedorn 1910d: 7; Kleine 1912b: 162, 1914b: 341. (tx) Blackman 1944: 78; Chapuis 1869: 11, 1873: 219; Equihua & Atkinson 1987: 10–11; Gemminger & Harold 1872: 2678; Hagedorn 1910a: 37; Hopkins 1914: 118, 133; Lucas 1920: 202; Schaufuss 1905: 89; Schedl 1939b: 379, 384, 1962d: 8, 1962q: 485. (ms) Lucas 1920: 202.

striatus Eggers 1933b: 3. Holotype ♀; Franz. Guayana; USNM, Washington.

Distribution: South America (Cayenne/ Peru/ Suriname).

Notes: (1) Schedl 1979c: 237 (holotype designation invalid).

References: (ds) Blackwelder 1947: 788. (tx) Eggers 1933b: 3–4; Schedl 1962d: 8, 1979c: 237.

Genus *Protohyllastes* Wood

PROTOHYLLASTES WOOD 1973d: 83. Type-species: *Protohyllastes annosus* Wood, original designation.

References: (tx) Wood, S. L. 1973d: 83.

annosus Wood 1973d: 84. Holotype ♂; Eungella National Park, Queensland, Australia; Queensland Museum, Brisbane.

Distribution: Australia (Queensland).

References: (tx) Wood, S. L. 1973d: 84.

latirostris (Pascos) 1873: 197 (*Psepholax*). Holotype ♀; Klawara, N.S. Wales; BMNH, London.

Distribution: Australia (New South Wales).

Notes: (1) Scale color and body shape of these two species are obviously different; however, they

could represent different sexes of the same species. Both holotypes were studied.

References: (tx) Pascoe 1873: 197.

Genus *Scolytotarsus* Schedl

SCOLYTOTARSUS SCHEDL 1937: 404. Type-species: *Scolytotarsus impar* Schedl, monobasic.

References: (tx) Schedl 1937b: 404, 1939b: 387.

impar Schedl 1937b: 405. Holotype, sex?; Wahrscheinlich Kamerun, aus einem Ankauf von Banghaas, Dresden; Schedl Collection in NHMW, Wien.

Distribution: Africa (Cameroon).

References: (tx) Schedl 1936g: 534, 1937b: 405.

maculatus Schedl 1936g: 534. Syntypes, sex?; Queensland: Coen district, Cape York; SAM, Adelaide, and NHMW, Wien.

Distribution: Australia (Cape York in Queensland).

Notes: (3) Voss 196.: 282 (treated in Curculionidae under *Meqscopholax*).

References: (ds) Brimblecombe 1953: 24; Schedl 1936g: 535. (tx) Schedl 1936g: 534, 1939b: 379–380, 384; Voss 196.: 282.

Tribe Mecopelmini Wood

Mecopelmini

References: Wood, S. L. 1966a: 45.

Genus *Mecopelmus* Blackman

MECOPELMUS BLACKMAN 1944: 78. Type-species: *Mecopelmus zeteki* Blackman, original designation.

References: (tx) Blackman 1944: 78; Schedl 1962d: 12; Wood, S. L. 1966a: 45.

zeteki Blackman 1944: 78. Holotype, sex?: Barro Colorado Island, Panama Canal Zone; USNM, Washington.

Figures: Blackman 1944:figs. 1–5, Equihua & Atkinson 1987: 12, Schedl 1962d:fig. 2.

Distribution: North America (Canal Zone in Panama).

Hosts: *Serjania* sp.

Notes: (3) The species is phloeophagous, monogynous; the larvae make individual mines.

References: (hb) Wood, S. L. 1966a: 45. (ds)

Equihua & Atkinson 1987: 12. (tx) Blackman 1944: 76–80; Equihua & Atkinson 1987: 12; Schedl 1962d: 12; Wood, S. L. 1966a: 45, 1987: 12.

Genus *Protoplatypus* Wood

PROTOPLATYPUS WOOD 1973b: 81. Type-species: *Protoplatypus vetulus* Wood, original designation.

References: (tx) Wood, S. L. 1973b: 81.

vetulus Wood 1973b: 82. Holotype ♂; 8 km NW Bulolo, Morobe, New Guinea; CSIRO, Canberra. Figures: Wood 1973b: 82.

Distribution: New Guinea (near Bulolo in Morobe District).

Hosts: Log (an uncommon species, possibly *Harpullia pedicellaris*).

Notes: (3) The species is phloeophagous, polygynous, and the larvae make individual mines.

References: (hb) Wood, S. L. 1973b: 82. (tx) McNamara 1977: 191; Wood, S. L. 1973b: 82.

Tribe Schedlarini Wood

Schedlarini (automatic replacement)

References: Wood, S. L. 1957b: 103.

Chapuisidae (automatically replaced by new name when type-genus became a homonym)

References: Brues & Melander 1932: 445; Schedl 1939b: 377; Strohmeier 1914b: 1–6.

Chapuisides

References: Blandford 1895b: 89, 117.

Chapuisinae

References: Brues & Melander 1932: 445; Handlirsch 1925: 692; Hopkins 1915c: 225; Schedl 1939b: 377; Strohmeier 1911: 218, 1912c: 3.

Genus *Schedlarius* Wood

SCHEDLARIUS WOOD 1957b: 103. Type-species: *Chapuisia mexicana* Duges, automatic.

Chapuisia Duges 1886: 56. Type-species: *Chapuisia mexicana* Duges, monobasic, preoccupied by Duvivier 1885.

References: (hb) Duges 1885: 58; Wood, S. L. 1957b: 103–104. (tx) Blackman 1944: 76–79; Blandford 1893d: 427, 1895a: 317–318, 1895b: 81, 88, 1896e: 117; Duges 1885: 58, 1888: 141; Hopkins 1914: 118, 134, 1915c: 227; Nunberg 1953: 44, 46; Schedl 1939b: 387, 1962d: 9; Strohmeier 1914b: 1–5, 1914c: 16–17; Wood, S. L. 1957b: 103–104.

References: (tx) Schedl 1962d: 9–11; Wood, S. L. 1957b: 103–104.

mexicanus Duges 1885: 58 (*Chapuisia*). Syntypes, sex?; Mexico; presumably in Duges Collection, Mexico City.

Figures: Blandford 1896e: pl. 5, Burgos & Saucedo 1983: 43, Duges 1885: pl. 5, Equihua & Atkinson 1987: 13, Schedl 1962d: fig. 3.

Distribution: North America (Mexico).

Hosts: *Bursera capallifera*, *B. sinarubra*.

Notes: (3) This species is xylophagous, monogynous, and the larvae make long, tortuous, individual tunnels in the xylem; ambrosial fungus is not present although obvious fungal decay of host xylem occurs near larval mines.

References: (hb) Atkinson et al. 1986: 47; Burgos & Saucedo 1983: 42; Duges 1885; Wood, S. L. 1957b: 103. (ds) Atkinson et al. 1986: 47; Blackwelder 1947: 788; Blandford 1896e; Burgos & Saucedo 1983: 42; Equihua 1985: 144; Equihua & Atkinson 1987: 13; Strohmeier 1912c: 3. (tx) Blackman 1944: 77; Blandford 1896e: 117; Burgos & Saucedo 1983: 43; Crowson 1955; Duges 1885: 58, 1888: 141; Equihua & Atkinson 1987: 13; Hopkins 1914: 118, 134; Schedl 1939b: 379–380, 1940a: 328, 1962d: 9; Strohmeier 1911d: 218, 1912c: 3, 1914b: 1–5, 1914c: 16; Wood, S. L. 1957b: 103, 1959b.

Subfamily Tesserocerinae Blandford

Tesserocerini genuini

References: Blandford 1895b: 115.

Tesserocerini

References: Schedl 1939b: 396, 400.

Tesserocerinae

References: Strohmeier 1914b: 18, 1918: 40, 1920: 44.

Tesserocerariae

References: Strohmeier 1914b: 18–19.

Symmerariae

References: Strohmeier 1914b: 18.

Periommatinae

References: Schedl 1939b: 397, 403, 1972f: 83, 249.

Cenocephalariae

References: Strohmeier 1914b: 18.

Cenocephalini

References: Schedl 1939b: 397.

Platypicerinae

References: Nunberg 1953: 44.

Tribe Diapodini Strohmeier

Diapodariae

References: Strohmeier 1914b: 18.

Diaporinae

References: Schedl 1939b: 397, 404, 1972f: 83, 259.

Genyocerinae

References: Hopkins 1915c: 225.

Genus *Diapus* Chapuis

DIAPUS CHAPUIS 1865: 43, 329. Type-species: *Diapus quadrispinatus* Chapuis, subsequent designation by Hopkins 1914: 121.

Notes: (3) Beeson 1941: 260 (*himalayensis*, nomen nudum, *rostratus*, nomen nudum).

References: (ay) Gardner 1932: 1–9; Nobuchi 1969a: 69. (cn) Beeson 1918: 114–124, 1922: 1–2; Fisher, Thompson, & Webb 1953: 1–21; Garthwaite 1940: 94–106. (hb) Beeson 1910: 222, 1935b: 182–186; Browne 1936b: 1, 1961c: 230; Kalshoven 1960: 31–34, 45; Schedl 1972f: 261. (ds) Beeson 1923: 173, 1941: 338; Munro 1928: 1–29; Schedl 1966b: 102, 1972f: 261, 1977b: 276. (tx) Beeson 1917: 1–29; Blandford 1893d: 426, 1894d: 139; Browne 1958b: 164–182, 1972a: 188; Chapuis 1865: 329, 332; Hopkins 1914: 121, 135, 1915c: 227; Lacordaire 1866: 389, 397–398; Murayama 1925: 216–217, 1934f: 148, 1954: 206; Nobuchi 1973b: 17; Nunberg 1951: 262, 1953: 144; Sampson 1913: 449, 1923: 449; Schedl 1936e: 61, 1937d: 44, 1939b: 391–393, 404, 408, 1957b: 159, 1959a: 516, 1962k: 1052–1053, 1968e: 261–270, 1972f: 259–264, 1977b: 276; Stebbing 1907a: 42, 1914: 613, 628–634; Stroh-

meyer 1911c: 105–107, 1912c: 22, 1914c: 6–19, 46–47, 1918: 1–46, 1942: 286–287; Wood, S. L. 1960a: 3, 6.

***aculeatus* Blandford** 1894d: 139. Syntypes 2 ♂; Higo, Japan; BMNH, London.

Figures: Nobuchi 1973b: pl. 2, figs. 38–39.

Distribution: Asia (Assam, Uttar Pradesh in India/ Japan/ Vietnam), Indonesia (Java).

Hosts: *Ahus nitida*, *Castanea javanica*, *C. tunggurut*, *Quercus dilatata*, *Q. incana*, *Q. semicarpifolia*.

References: (cn) Kleine 1932a: 310, 402. (ec) Beeson 1921b: 22. (hb) Kalshoven 1960c: 46, 1960d: 46; Kleine 1932a: 310, 402; Murayama 1931b: 201. (ds) Beeson 1921b: 22; Blandford 1894c; Kalshoven 1960d: 46; Kleine 1932a: 310, 402; Murayama 1929a: 679, 1931b: 201–203, 1934f: 143, 1936b: 141, 1937c: 582, 1949c: 104, 1950b: 1300, 1953c: 165, 1955: 100–101; Nobuchi 1967: 27, 1973b: 17; Schedl 1962f: 169, 1972f: 263, 1974c: 262, 1975c: 384; Strohmeier 1912c: 22, 1914c: 47. (tx) Blandford 1894d: 139; Murayama 1925b: 234, 1950b: 1300, 1955: 100–101; Nobuchi 1973b: 17, pl. 2; Schedl 1934f: 1647, 1969b: 223, 1972f: 263; Strohmeier 1912c: 22, 1914c: 47.

***aculeatus javanus* Murayama** 1931b: 200. Holotype, sex?; Mt. Gede, 600 m, Java; Murayama Collection in USNM, Washington.

References: (ds) Schedl 1972f: 263. (tx) Murayama 1931b: 200; Schedl 1962f: 263.

***amblylaminatus* Roberts** 1992:(in press). Holotype ♂; Papua New Guinea: Mo: Oomsis L.A., 900 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Canarium* sp., *Castanopsis* sp., *Litsea* sp., *Myristica* sp.

References: (tx) Roberts 1992:(in press).

***angustidontus* Roberts** 1992:(in press). Holotype ♂; Papua New Guinea: Gumi L.A., Bulolo, 2000 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Garcinia* sp.

References: (tx) Roberts 1992:(in press).

***bilunatus* Schedl** 1975f: 399. Holotype ♀; New Guinea NE, Mt. Missim, 2400–2800 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Acmena* sp., *Castanopsis* sp., *Elaeocarpus* sp., *Litsea* sp., *Macaranga* sp., *Phyllocladus* sp., *Sericolea* sp., *Tenstromia* sp.

References: (tx) Roberts 1992:(in press); Schedl 1975f: 399.

***bispinus* Schedl** 1974d: 471. Holotype ♂; Panganda Logging Area, 2126 m, Watut Valley, Morobe District, New Guinea; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Calophyllum* sp., *Castanopsis accuminatissima*, *Garcinia* sp., *Xanthophyllum* sp.

- Notes: (3) A note in the Schedl Collection says that *latespinis* is a synonym [requires verification].
References: (tx) Schedl 1974d: 471, 1978a: 16.
- borneensis** Browne 1980d: 500. Holotype ♂; Kimanis (Borneo) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Borneo).
References: (tx) Browne 1980d: 500.
- brownei** Schedl 1971c: 398. Holotype ♂; Sarawak, Semengoh; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
References: (ds) Schedl 1972f: 263. (tx) Schedl 1971c: 398–399, 1972f: 263.
- curvidens** Schedl 1965g: 30. Holotype ♂; O. Borneo, Mt. Tibang, 1300 m; NHR, Stockholm.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 263. (tx) Schedl 1965g: 30, 1972f: 263, 1978a: 23.
- elongatus** Schedl 1969b: 225. Holotype ♂; New Guinea: Marafunga, 2800 m, E.H.D.; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Cryptocarya* sp., *Dryodaphnae* sp., *Elaeocarpus* sp., *Galbulilima* sp., *Phyllocladus* sp., *Planchonella* sp., *Podocarpus* sp., *Spherostenon* sp.
Notes: (3) Schedl 1969b: 225 (in key).
References: (ds) Schedl 1972f: 263. (tx) Roberts 1992:(in press); Schedl 1969b: 225, 1972f: 263, 1978a: 27.
- formosanus** Niisima & Murayama 1925a: 217. Syntypes 4♂, 4♀; Rengeti: Taichu Prov. [Taiwan]; Murayama Collection in USNM, Washington.
Figures: Murayama 1925a: pl. 12, figs. 7–8, pl. 15, figs. 35–47.
Distribution: Asia (Taiwan).
Hosts: *Lithocarpus konishii*, *Psidium guajava*.
References: (hb) Murayama 1931b: 202. (ds) Miwa 1931: 268; Murayama 1925a: 217, 1929a: 679, 1931b: 202, 1937c: 583; Nobuchi 1967: 27; Schedl 1972f: 263. (tx) Murayama 1925a: 217–223, 1925b: 235; Schedl 1972f: 263.
- gestroi** Sampson 1923c: 74. Holotype ♀; Burma: Carin Cheba, 900–1100 m; MCG, Genova.
Distribution: Asia (Burma).
References: (tx) Sampson 1923c: 74–75; Schedl 1939e: 364, 1972f: 263.
- kuperi** Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mo: Kuper Range, 2200 m; BPBM, Honolulu.
Distribution: New Guinea.
Hosts: *Nothofagus grandis*, *Syzygium* sp.
References: (tx) Roberts 1992:(in press).
- latespinis** Schedl 1979g: 120. Holotype ♂; Papua, Upper Manki L.A., Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Hosts: *Castanopsis* sp., *Lithocarpus* sp., *Myristica* sp.
Notes: (3) See note under *bispinus* above.
- References: (tx) Roberts 1992:(in press); Schedl 1979g: 120.
- malgassicus** Schedl 1970d: 240. Holotype ♂; Madagascar, Perinet; MNHN, Paris.
Distribution: Madagascar.
Hosts: *Eucalyptus* sp., *Pinus insularis*, *Symphonia* sp.
References: (ds) Schedl 1972f: 263, 1977b: 277. (tx) Schedl 1970d: 240–241, 1972f: 263, 1977b: 277, 1978a: 42.
- minor** Schedl 1954a: 158. Holotype ♂; Java, Mt. Gede, 800 m; Schedl Collection in NHMW, Wien.
Distribution: Asia (Bengal in India), Indonesia (Borneo, Java).
Hosts: *Castanea javanica*, *Castanopsis hystrix*, *Cinnamomum camphora*, *Lindera pulcherrima*, *Quercus lamellosa*.
Notes: (3) Beeson 1961: 260 (*minor*, nomen nudum, synonymy in Browne 1977a: 101).
References: (ds) Beeson 1941 (1961: 260); Bhasin, Roonwal, & Singh 1958; Browne 1977a: 101, 1986c: 662; Kalshoven 1960c: 46; Schedl 1965g: 25, 1971c: 71, 1972f: 263. (tx) Beeson 1941 (1961: 260); Browne 1977a: 101; Schedl 1954a: 145, 158, 1961c: 75, 1969a: 219, 1972f: 263, 1978a: 44.
- minutissimus** Schedl 1969a: 219. Holotype ♂; Sumatra, Singij to Tokyo (Japan), imported; PPST, Tokyo.
Distribution: Asia (Malaya), Indonesia (Borneo, Sumatra).
Hosts: *Calophyllum tetrapterum*.
References: (hb) Beaver & Browne 1978: 617. (ds) Beaver & Browne 1978: 617; Browne 1980c: 484; Nobuchi 1977: 146; Schedl 1971c: 370, 1972c: 263. (tx) Schedl 1962f: 263, 1969a: 219, 1978a: 44.
- molossus** Chapuis 1865: 333. Holotype ♀; Inde orientale, dans la contree d'Almora au Nord-ouest des possessions anglaises; BMNH, London.
Distribution: Asia (Uttar Pradesh in India/ Malaya).
Hosts: *Alnus nepalensis*, *Quercus dilatata*, *Q. lamellosa*, *Q. semicarpifolia*, *Schleichera oleosa*.
References: (ds) Gemminger & Harold 1872: 2702; Lacordaire 1866: 397; Schedl 1962f: 169, 1972f: 263; Strohmeier 1912c: 22, 1914c: 47. (tx) Browne 1977a: 102; Chapuis 1865: 333; Janson 1893: 75; Lacordaire 1866: 397; Schedl 1960c: 63, 1962f: 169, 1972f: 263; Strohmeier 1912c: 22, 1914c: 47.
- impressus* Janson 1893: 74. Syntypes ♂ ♀; Deoband, NW Prov., India; BMNH, London.
Synonymy: Schedl 1972f: 264.
References: (cn) Kleine 1932a: 311, 402; Mathur & Singh 1961a: 29; Pierce, W. D. 1917: 154; Roonwal 1954: 58; Stebbing 1914: 628. (ec) Beeson 1921b; Stebbing 1914: 628. (hb) Beeson 1917: 10; Cotes 1893a; Kleine 1932a: 311, 402; Stebbing 1899: 62, 1906: 414, 1908a: 112, 1914: 328. (ds) Beeson 1916: 23,

1916a: 222, 1921b: 21–25, 1941 (1961: 260); Cotes 1893a; Kleine 1932a: 311, 402; Mathur & Singh 1961a: 29; Pierce, W. D. 1917: 154; Roonwal 1954: 58; Strohmeier 1912c: 22, 1914c: 47. **(tx)** Janson 1893: 74; Murayama 1925: 219; Schedl 1972f: 263–264; Stebbing 1908b: 1, 1914: 628; Strohmeier 1912c: 22, 1914c: 47.

capillatus Sampson 1913: 449. Holotype ♀; Darjeeling, N. India; BMNH, London.

Notes: (1) Browne 1977a: 102 (treated as a subspecies).

References: **(cn)** Kleine 1932a: 310, 402; Pierce, W. D. 1917: 154; Stebbing 1914: 633. **(ec)** Beeson 1921b: 23; Stebbing 1914: 633. **(hb)** Kleine 1932a: 310, 402; Stebbing 1914: 633. **(ds)** Beeson 1921b: 23; Kleine 1932a: 310, 402; Pierce, W. D. 1917: 154; Schedl 1972f: 263; Strohmeier 1914c: 47. **(tx)** Browne 1977a: 102; Sampson 1913: 449–450; Schedl 1939e: 364, 1972f: 263; Stebbing 1914: 633; Strohmeier 1914c: 47.

nanodontus Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mo., Oomsis L.A., 800 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Castanopsis* sp., *Cryptocarya* sp., *Sterculia* sp.

References: **(tx)** Roberts 1992:(in press).

nanus Schedl 1969b: 225. Holotype ♀; New Guinea: Erave pine forest, S.H.D.; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Anisoptera* sp., *Araucaria cunninghamii*, *Calophyllum* sp., *Castanopsis acuminatissima*, *C.* sp., *Cryptocarya* sp., *Elaeocarpus* sp., *Haplolobus* sp., *Lithocarpus* sp., *Mangifera* sp., *Myristica* sp., *Phyllocladus* sp., *Sterculia* sp., *Xanthophyllum* sp.

References: **(ds)** Schedl 1972f: 264. **(tx)** Roberts 1992:(in press); Schedl 1969b: 225–226, 1972f: 264, 1978a: 46.

nebulosus Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mo., Gumi L.A., 1900 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Alphitonia* sp., *Caldcluvia* sp., *Calophyllum* sp., *Castanopsis* sp., *Cryptocarya* sp., *Dacrycarpus* sp., *Elaeocarpus* sp., *Garcinia* sp., *Ilex* sp., *Litsea* sp., *Macaranga* sp., *Nothofagus* sp., *Phyllocladus* sp., *Planchonella* sp., *Syzygium* sp., *Xanthomyrtus* sp.

References: **(tx)** Roberts 1992:(in press).

obtusicornis Schedl 1965g: 31. Holotype ♀; O. Borneo, Mt. Tibang, 1300 m; NHR, Stockholm.

Distribution: Indonesia (Borneo).

References: **(ds)** Schedl 1972f: 264. **(tx)** Schedl 1965g: 31, 1972f: 264, 1978a: 49.

oomsis Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mo., Oomsis L.A., 800 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Burkella* sp., *Canarium* sp., *Dysoxylum* sp., *Elaeocarpus* sp., *Garcinia* sp., *Myristica* sp.

References: **(tx)** Roberts 1992:(in press).

oreogenus Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mo., Gumi L.A., 2,000 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Galbulilima* sp.

References: **(tx)** Roberts 1992:(in press).

papuanus Schedl 1968e: 269. Holotype ♂; Afafiningetu, E. Highlands Dist.; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Agathis alba*, *Araucaria cunninghamii*, *Calophyllum* sp., *Castanopsis* sp., *Casuarina* sp., *Endospermum* sp., *Eugenia* sp., *Garcinia* sp., *Glochidion* sp., *Macaranga* sp., *Myristica* sp., *Planchonella* sp., *Podocarpus* sp., *Sterculia* sp., *Syzygium* sp.

Notes: (3) Schedl 1969b: 225 (in key).

References: **(ds)** Schedl 1969b: 226, 1972f: 264, 1979h: 158. **(tx)** Schedl 1968e: 269, 1969b: 225–226, 1972f: 264, 1978a: 51.

pendleburgi Schedl 1936d: 18. Lectotype ♂; Malay Peninsula, Selangor: Kuala Lumpur; Schedl Collection in NHMW, Wien.

Distribution: Asia (Burma/ Assam in India/ Malaya/ Thailand/ Vietnam), Indonesia (Borneo), Philippine Islands.

Hosts: *Dipterocarpus pilosus*, *Dryobalanops aromatica*, *Pentacme suavis*, *Quercus* sp.

Notes: (3) Schedl 1942a: 218 (described female). Beeson 1941 (1961: 260) (*longispinus*, nomen nudum, synonymy in Browne 1977a: 100).

References: **(hb)** Browne 1941. **(ds)** Beeson 1941 (1961: 260); Browne 1949b, 1961c: 233, 1968a: 134, 1977a: 100; Choo, Woo, & Kim 1981: 203; Nobuchi 1977: 145; Ohno, Yoneyama, & Nakazawa 1982b: 11, 1987b: 90; Schedl 1962f: 169, 1966b: 102, 1966g: 34, 1969a: 207, 218, 1972f: 264. **(tx)** Browne 1949b, 1977a: 100; Nobuchi 1985: 330; Schedl 1936d: 18, 1942a: 218, 1942c: 172, 1972f: 264, 1978a: 52; Strohmeier 1942: 285.

perpygmaeus Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mo., Oomsis L.A., 850 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Calophyllum* spp., *Castanopsis* sp., *Cryptocarya* sp., *Lithocarpus* sp., *Neonauclea* sp., *Planchonella* sp., *Pometia* sp., *Xanthophyllum* sp.

References: **(tx)** Roberts 1992:(in press).

pusillimus Chapuis 1865: 335. Syntypes 3♂, 1♀ (Schedl 1960: 63); Nouvelle-Guinée, Dorey; BMNH, London.

Distribution: Asia (India, Malaya), Australia, Bismarck Islands (New Britain Island), Indonesia (Borneo), Madagascar, Micronesia (Caroline Islands), New Guinea, Philippine Islands, Samoan Islands.

Hosts: *Azelia bijuga*, *A. palembanica*, *Agathis alba*, *Albizzia falcata*, *Anisoptera* sp., *Araucaria* sp., *Altingia excelsa*, *Balanocarpus heimii*, *Canarium* sp., *Castanopsis* sp., *Celtis* sp., *Cryptocarya* sp., *Dipterocarpus* sp., *Dracontomelon* sp., *Dryobalanops aromatica*, *Dyera costulata*, *Eugenia argutata*, *Ficus* spp., *Garcinia* sp., *Grevillea robusta*, *Lithocarpus* sp., *Mangifera* sp., *Nothofagus pullei*, *Planchonella samoensis*, *Pometia* sp., *Pterocymbium* sp., *Shorea bracteolata*, *S. kunstleri*, *S. leprosula*, *S. singkawang*, *Sloanea* sp., *Sterculia* sp., *Syzygium* sp., *Terminalia brassii*, *Xanthophyllum* sp.

Notes: (3) Schedl 1969a: 225 (in key).

References: (ay) Nunberg 1951: 262. (bv) Gray, B. 1974b. (cn) Brimblecombe 1956; Browne 1968b: 233; Hill, D. S. 1983: 679; Wylie & Shanahan 1975. (ec) Browne 1958b; Thompson, W. R. & Simmonds 1964: 15, 1965: 28. (hb) Beaver 1976b: 544; Beaver & Browne 1978: 617; Beeson 1941 (1961: 260–261); Brimblecombe 1956; Browne 1936a, 1941, 1958b, 1961c: 231–232, 1968b: 233; Gray, B. 1974b; Hill, D. S. 1983: 679; Kalshoven 1960c: 46; Wylie & Shanahan 1975. (ds) Beaver 1976b: 544; Beaver & Browne 1975: 305, 1978: 617; Beeson 1941 (1961: 260); Browne 1936a, 1961a: 317, 1961c: 232, 1966: 242, 1968b: 233, 1980a: 370; Chadwick & Nikitin 1968; Choo, Woo, & Kim 1981: 203; Froggatt 1936; Gemminger & Harold 1872: 2702; Hill, D. S. 1983: 679; Kalshoven 1960d: 46; Lacordaire 1866: 397; Nobuchi 1977: 146; Nunberg 1961b: 611; Ohno, Yoneyama, & Nakazawa 1982a, 1982b: 5, 1987a: 96, 1987b: 90; Ohno et al. 1988b: 99, 1989: 67; Sampson 1919: 107, 1925: 3, 1926: 121; Schedl 1936d: 8, 22, 1936g: 519, 1936j: 22, 1966b: 103, 1966g: 34, 1968e: 265, 1972f: 264, 1974c: 262, 1975h: 352, 1975i: 347, 1979a: 160; Strohmeier 1912c: 22, 1914c: 47; Wood, S. L. 1960: 6. (tx) Browne 1966: 242; Carne et al. 1980; Chapuis 1865: 335; Lacordaire 1866: 397; Nobuchi 1985: 330; Sampson 1919: 107, 1925: 3; Schedl 1936e: 61, 1939b: 391, 1939e: 337, 1941c: 354–355, 1942c: 165, 1951k: 141–142, 1954a: 158, 1958i: 215, 1960c: 63, 1965g: 31, 1969a: 225, 1972f: 264; Strohmeier 1912c: 22, 1914c: 47; Wood, S. L. 1960a: 6; Wylie & Yule 1977.

grevilleae Lea 1914: 226 (*Crossotarsus*). Holotype ♀; Queensland; Lea Collection at SAM, Adelaide. Synonymy: Schedl 1936g: 519.

References: (cn) Kleine 1932a: 401; Smith, J. H. 1932: 230, 1935: 3. (ec) Smith, J. H. 1935: 3. (hb) Kleine 1932a: 401. (ds) Kleine 1932a: 401; Smith, J. H. 1935: 3. (tx) Browne 1961c: 231; Lea 1914: 226; Schedl 1936g: 519, 1972f: 264; Wood, S. L. 1960a: 6.

***quadriscopinus* Chapuis** 1865: 332. Syntypes 2♂, 1♀ (Schedl 1960c: 62); D l'Inde orientale; IRSNB, Brussels.

Figures: Nakashima 1975: 60–65, Schedl 1962k: 1054, 1972f: 261.

Distribution: Asia (Burma/ Uttar Pradesh in India).

Hosts: *Abus nepalensis*, *Castanopsis hystrix*, *Cedrus deodara*, *Lindera pulcherrima*, *Machilus odoratissima*, *Prunus nepalensis*, *Quercus incana*, *Q. lamellosa*.

References: (cn) Kleine 1932a: 311, 402. (ec) Beeson 1921b: 23. (hb) Kleine 1932a: 311, 402; Yunus & Hua 1980: 216. (ds) Beeson 1921b, 1941 (1961: 261); Bhasin, Roonwal, & Singh 1958; Gemminger & Harold 1872: 2702; Kleine 1932a: 311, 402; Nobuchi 1977: 144; Schedl 1962f: 169, 1967e: 222, 1968e: 265, 1972f: 264, 1973b: 212; Strohmeier 1912c: 22, 1914c: 47. (tx) Chapuis 1865: 332; Gardiner 1932b; Hopkins 1914: 121; Nakashima 1975: 60–65; Schedl 1936d: 18, 1939g: 2, 1960c: 62, 1962k: 1054, 1972f: 261, 264; Strohmeier 1912c: 22, 1914c: 47.

***quadriscopinus* Schedl** 1969a: 218. Holotype ♂; Philippine Islands, Iligan to Tokyo (Japan), imported; PPST, Tokyo.

Distribution: Philippine Islands.

Hosts: Lauan log.

References: (ds) Lacordaire 1866: 397; Schedl 1972f: 264. (tx) Lacordaire 1866: 397; Nobuchi 1985: 330; Schedl 1969a: 218–219, 1972f: 264, 1987a: 61.

***quinquespinatus* Chapuis** 1865: 334. Syntypes: Iles Celebes, Borneo, Morty, Nouvelle-Guinea: 6♂, 1♀ in BMNH, London, 1♂ in IRSNB, Brussels. Figures: Schedl 1972f: 262 (male).

Distribution: Africa (Angola/ Cameroon/ Central African Republic/ Equatorial Guinea/ Fernando Po/ Ghana/ Nigeria/ Sierra Leone/ Zaire/ Zambia), Asia (Bhutan/ Burma/ Andaman Islands, Assam, Uttar Pradesh in India/ Japan/ Malaya/ Sri Lanka/ Taiwan/ Thailand/ Tonkin in Vietnam), Australia, Fiji Islands, Indonesia (Borneo, Buru, Celebes, Java, Sumatra), Madagascar, New Guinea, Philippine Islands, Samoan Islands, Solomon Islands.

Hosts: *Acmelia* sp., *Azelia palembanica*, *Agathis alba*, *Araucaria hunsteinii*, *Artocarpus chaplasha*, *A. elasticus*, *A. scortechinii*, *Balanocarpus heimii*, *Canarium euphyllum*, *Castanea argentea*, *Castanopsis tribuloides*, *Dipterocarpus cornutus*, *D. pilosus*, *Dracontomelon* sp., *Dryobalanops aromatica*, *Durio zibethinus*, *Dyera costulata*, *Dysoxylum binectariferum*, *Elacis guineensis*, *Elatiospermum tapos*, *Endospermum malaccense*, *Eucalyptus grandis*, *Eugenia argutata*, *Fagraea gigantea*, *Glochidion* sp., *Hopea* sp., *Horsfieldia* cf. *glabra*, *Lithocarpus* sp., *Mangifera indica*, *Neonauclea* sp., *Pasania sundaica*, *Pentacme suavis*, *Planchonella samoensis*, *Pometia* sp., *Pygeum parviflorum*, *Quercus fagifolia*, *Q. serrata*, *Sarcocephalus cordatus*, *Shorea assamica*, *S. bentongensis*, *S. bracteolata*, *S. faguetiana*, *S. kunstleri*, *S. leprosula*, *S. parvifolia*, *S. robusta*,

Sindora sp., *Sloanea sigun*, *Tectona grandis*, *Terminalia bclerica*, *T. bialata*, *T. manni*, *Vatica lanceaefolia*.

References: (ay) Nakashima 1975: 6; Strohmeyer 1918: 34; 1920: 42. (bv) Beeson 1917; Loytty-niemi, Beaver, & Loyttyniemi 1985: 28. (cn) Beeson 1915; Browne 1968b: 233; Kalshoven 1924c; Kleine 1932a: 311, 402; Mathur & Singh 1961a: 26, 1961b: 13; Mayne & Donis 1951: 335; Pierce, W. D. 1917: 194; Roberts 1977b: 574; Roonwal 1954: 85; Stebbing 1914: 632. (ec) Beeson 1921b, 1923; Browne 1958b; Mayne & Donis 1951: 335; Nakashima 1975: 6; Stebbing 1914: 632. (hb) Beaver 1976b: 545; Beaver & Browne 1978: 617; Beaver & Loyttyniemi 1985b: 120; Beeson 1916a, 1917: 10, 1923; Browne 1938a, 1941: 65, 1949: 174–189, 1958b: 164–182, 1961c: 230, 1962: 93, 1963a: 264, 1968: 233; Kalshoven 1924c, 1960c: 45; Kleine 1932a: 311, 402; Lepesme 1947: 649; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28; Roberts 1969: 105–106, 1977b: 574; Schedl 1962k: 1053; Stebbing 1914: 632; Thompson, G. H. 1963: 39. (ds) Beaver 1976b: 545; Beaver & Browne 1975: 305; Beaver & Loyttyniemi 1985b: 120; Beeson 1910: 223, 1916a: 223, 1921b: 23, 1923: 165, 1941: 341, 1961: 261; Bhasin, Roonwal, & Singh 1958: 92; Browne 1938a: 24, 29, 1961a: 317, 1961c: 230–231, 1963a: 264, 1966: 242, 1968b: 233, 1980c: 486; Choo & Woo 1983; Ferreira 1965: 1136; Gemminger & Harold 1872: 2702; Kalshoven 1924: 8, 1960d: 45–46; Kleine 1928: 311, 1932a: 311, 402; Lacordaire 1866: 397; Mathur & Singh 1961a: 26, 1961b: 13; Mayne & Donis 1951: 335, 1962: 266; Miller 1932: 19; Miwa 1931: 268; Murayama 1925a: 217, 1929a: 679, 1931: 203, 1934f: 145, 1937c: 583; Nakashima 1975: 3; Nobuchi 1967: 27, 1977: 45, 1980a; Ohno, Yoneyama, & Nakazawa 1982a: 5, 1982b: 11, 1987a: 96, 1987b: 90; Ohno, Yoshioka, et al. 1988b: 99, 1989: 67; Pierce, W. D. 1917: 194; Roberts 1968: 193, 1977b: 574; Roonwal 1954: 85; Sampson 1919: 107, 1926: 120–121; Schedl 1936d: 8, 1936g: 519, 1937b: 407, 1938d: 452, 1959a: 516, 1959c: 168, 1959d: 67, 1959p: 24, 1961c: 70, 1961e: 128, 156, 1962f: 169, 1962i: 73, 1962k: 1053, 1964f: 620, 1965e: 360, 1965g: 25, 1966b: 103, 1966g: 34, 1971c: 367, 1971f: 150, 1971g: 194, 1972f: 264, 1974c: 262, 1975a: 453, 1975c: 384, 1979a: 160; Strohmeyer 1911f: 204, 1912c: 22, 1914c: 47; Thompson, G. H. 1963: 39. (tx) Blandford 1894d: 140; Browne 1966: 242; Chapuis 1865: 334; Janson 1893: 75; Lacordaire 1866: 397; Lucas 1920: 235; Murayama 1925a: 217, 1925b: 235; Nobuchi 1985: 330; Sampson 1919: 107; Schedl 1936e: 61, 1937b: 407, 1937d: 44, 1937e: 544, 1939b: 403–404, 1939c: 2, 1939e: 337, 1941c: 354–355, 1941e: 157, 1942a: 172, 1950d: 14, 1951k: 141, 1953g: 245, 1954c: 155, 1954e: 60, 1955b: 286, 1958i: 215, 1960c: 63,

1962k: 1053–1054, 1972f: 264; Stebbing 1914: 632; Strohmeyer 1912c: 22, 1914c: 47; Wylie & Yule 1977. (ms) Lucas 1920: 235.

robustus Schedl 1969b: 225. Holotype ♂; New Guinea: Kum, 11 miles from Mt. Hagen, W.H.D.; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Acmena* sp., *Castanopsis* sp., *Cryptocarya* sp., *Dryodaphnæ* sp., *Lithocarpus* sp., *Nothofagus* sp., *Syzygium* sp.

References: (ds) Schedl 1972f: 264. (tx) Schedl 1969b: 225–226, 1972f: 264, 1978a: 63.

spatulifer Browne 1977a: 101. Holotype ♂; Bengal: Darjeeling, Ranbe; BMNH, London.

Distribution: Asia (India).

Hosts: *Beilschmiedia sikkimensis*, *Bucklandia populnea*, *Castanopsis hystrix*, *Cryptomeria japonica*, *Echonicarpus dasycarpus*, *Lindera pulcherrima*, *Litsea elongata*, *Machilus edulis*, *M. spp.*, *Michelia excelsa*, *Nyssa sessiliflora*, *Prunus nepalensis*, *Quercus glauca*, *Q. dilatata*, *Q. lamellosa*, *Symingtonia populnea*, *Symplocos theaeifolia*.

Notes: (3) Beeson 1941 (1961: 260) (*brochus* nomen nudum, *capitalis* nomen nudum, *discolor* nomen nudum, *spatulifer* nomen nudum, synonymy in Browne 1977a: 102).

References: (cn) Mathur & Singh 1960a: 36, 1961a: 82. (ds) Beeson 1941 (1961: 260); Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1960a: 36, 1961a: 82. (tx) Browne 1977a: 101.

spinatus Browne 1980d: 499. Holotype ♂; Semangka (Sumatra) to Nagoya (Japan), imported; BMNH, London.

Distribution: Indonesia (Sumatra).

References: (ds) Ohno, Yoneyama, & Nakazawa 1982b: 11. (tx) Browne 1980d: 499.

spinifer Schedl 1969b: 224. Holotype ♂; New Guinea: Porotop L.M. Station, W.H.D.; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Ficus* sp., *Nothofagus pullei*, *N. sp.*, *Podocarpus* sp., *Syzygium* sp.

References: (ds) Schedl 1972f: 264. (tx) Schedl 1969b: 224–225, 1972f: 264, 1978a: 68.

tonkinensis Schedl 1972m: 201. Holotype ♂; Tonkin: Ngai-Tio, 4800 ft.; BMNH, London.

Distribution: Asia (Tonkin Island in Vietnam).

References: (tx) Schedl 1972m: 201.

truncatus Niisima & Murayama 1934f: 143. Holotype ♂; Arisan (Formosa); Murayama Collection in USNM, Washington.

Distribution: Asia (Taiwan).

References: (ds) Nobuchi 1967: 27, 1977: 147; Schedl 1972f: 264. (tx) Murayama 1934f: 143, 1937c: 583; Nobuchi 1967: pl. 2; Schedl 1972f: 264.

turgidus Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mo., Gumi, 2220 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Antidesma* sp., *Castanopsis* sp., *Dryodaphne* sp., *Garcinia* sp., *Glochidion* sp., *Macaranga* sp., *Microcos* sp., *Planchonella* sp., *Spherostenon* sp., *Syzygium* sp., *Terminalia* sp.

References: (tx) Roberts 1992:(in press).

unispineus Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mo., Kuper Range, Wau, 2,300 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Caldcluvia* sp., *Castanopsis* sp., *Elaeocarpus* sp., *Litsea* sp., *Nothofagus* sp.

References: (tx) Roberts 1992:(in press).

Genus *Genyocerus* Motschulsky

GENYOCERUS MOTSCHULSKY 1858: 68. Type-species: *Genyocerus albipennis* Motschulsky, monobasic.

Diacavus Schedl 1939: 363. Type-species: *Diapus frontalis* Strohmeier, original designation. Synonymy: Wood 1969c: 118.

References: (tx) Browne 1949d: 73–76, 1960: 201–220, 1961c: 232–233, 1972a: 188; Schedl 1939c: 363–364, 1962f: 163–169, 1972f: 265–266; Wood, S. L. 1969c: 118.

Notes: (1) Wood 1969c: 118 (identity of genus confirmed). (3) Beeson 1941 (1961: 257) (*atkinsoni*, nomen nudum, from Burma).

References: (ay) Nobuchi 1969a: 69. (hb) Schedl 1972f: 265. (ds) Schedl 1959c: 168, 1966b: 101, 1972f: 265. (tx) Browne 1972a: 188; Chapuis 1865: 338; Schedl 1972f: 265; Strohmeier 1942: 286–287; Wood, S. L. 1969c: 118.

abdominalis (Schedl) 1942a: 218 (*Diacavus*). Lectotype ♂; Malaya, Raub; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 9.

Figures: Nakashima 1975: 69 (mycetangia).

Distribution: Asia (introduced in Japan/ Malaya), Indonesia (Borneo), Philippine Islands.

Hosts: *Balanocarpus heimii*, *Parashorea* sp.

References: (ay) Nakashima 1975: 7. (ec) Nakashima 1975: 7. (ds) Browne 1961c: 233; Choo & Woo 1983; Nakashima 1975: 3; Nobuchi 1977: 152, 1980a; Ohno, Yoneyama, & Nakazawa 1982b: 11; Schedl 1959c: 168, 1966g: 34, 1972f: 267. (tx) Browne 1961c: 233; Nakashima 1975: 69; Nobuchi 1985: 330; Schedl 1942a: 218, 1959c: 168, 1972f: 267, 1978a: 9.

albipennis Motschulsky 1858: 68. Holotype ♀; type label reads “Aus Indien or [word illegible],” all known specimens are from Sri Lanka; IZM, Moscow.

Figures: Browne 1970: 582 (as *irregularis*).

Distribution: Asia (Sri Lanka).

Hosts: *Dipterocarpus* sp.

Notes: (1) Wood 1969c: 118 (identity clarified). (3) Beeson 1961: 260 (*ceylanicus*, nomen nudum, synonymy in Browne 1977a: 97).

References: (ds) Gemminger & Harold 1872: 2702; Lacordaire 1866: 398; Schedl 1959a: 515,

1972f: 267. (tx) Beeson 1941 (1961: 260); Blandford 1893d; Browne 1977a: 97; Hopkins 1914: 122; Lacordaire 1866: 398; Motschulsky 1858: 68; Schedl 1959a: 515, 1972f: 277; Strohmeier 1942: 284–287; Wood, S. L. 1969c: 118.

irregularis Browne 1970: 582 (*Diacavus*). Holotype ♂; Ceylon: in gurjun (*Dipterocarpus*) timber from Ceylon, intercepted at Princes Risborough, England; BMNH, London. Synonymy: Wood 1981: 122.

References: (ds) Schedl 1972f: 268. (tx) Browne 1970: 582–583, 1977a: 99; Schedl 1972f: 268; Wood, S. L. 1981: 122.

biporus (Schedl) 1942a: 217 (*Diacavus*). Lectotype ♂; Malaya, Selangor, Buloh F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 16.

Figures: Schedl 1972f: 265.

Distribution: Asia (Burma/ Cambodia/ Malaya/ Vietnam), Indonesia (Borneo).

Hosts: *Cotylelobium flacum*, *Dipterocarpus pilosus*, *Hopea odorata*, *Parashorea stellata*, *Shorea leprosula*, *S. parvifolia*, *Vatica* sp.

Notes: (3) Beeson 1941 (1961: 257) (*biporus* nomen nudum, synonymy in Browne 1977a: 97).

References: (cn) Browne 1949d, 1949e; Mathur & Singh 1960b: 57; Sen-Sarma & Thakur 1986: 37. (hb) Browne 1961c: 233. (ds) Beeson 1941 (1961: 257); Browne 1961a: 318, 1968a: 132–134, 1970: 577, 1977a: 98, 1980c: 484, 1981b: 599; Mathur & Singh 1960d: 57; Nobuchi 1977: 151; Ohno, Yoneyama, & Nakazawa 1982b, 1987a: 96; Schedl 1969a: 206, 1972f: 265, 267. (tx) Browne 1949d: 73, 1977a: 97; Schedl 1942a: 217, 1978a: 16.

compactus (Schedl) 1966g: 40 (*Diacavus*). Holotype ♂; Diapitan, Philippine Islands to Tokyo (Japan), imported; PPST, Tokyo.

Distribution: Philippine Islands.

Hosts: Lauan log.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*).

References: (ds) Browne 1984c: 449; Choo & Woo 1983; Nobuchi 1977: 149; Ohno, Yoneyama, & Nakazawa 1982b: 11; Schedl 1972f: 267. (tx) Nobuchi 1985: 330; Schedl 1966g: 40, 1972f: 267, 1978a: 20; Wood, S. L. 1969c: 118.

compactus dubiosus Schedl 1966g: 41 (*Diacavus*). Lectotype ♂; Aparri, Philippine Islands to Tokyo (Japan), imported; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 20.

Notes: (3) It appears that this is no more than an aberration.

References: (ds) Schedl 1972f: 267. (tx) Schedl 1966g: 41, 1972f: 267, 1978a: 20.

decemspinatus (Schedl) 1942a: 216 (*Diacavus*). Lectotype ♂; Malaya, Batu Jalam; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 23.

Distribution: Asia (Malaya/ Vietnam), Philippine Islands.

Hosts: *Vatica* spp.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*).

References: (cn) Browne 1949d. (hb) Browne 1949d. (ds) Browne 1961c: 233, 1985a: 190; Nobuchi 1977: 150; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1966g: 34, 1972f: 267. (tx) Browne 1968a: 134; Nobuchi 1985: 330; Schedl 1942a: 216, 1966b: 102, 1966g: 42, 1972f: 267, 1978a: 23; Wood, S. L. 1969c: 118.

diaphanus (Schedl) 1939e: 364 (*Diacavus*). Lectotype ♀; Malaya, Selangor: Sungei Buloh For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 24.

Distribution: Asia (Assam in India/ Malaya/ Vietnam), Indonesia (Sarawak in Borneo).

Hosts: *Anisoptera* sp., *Artocarpus* sp., *Dipterocarpus cornutus*, *Hopea odorata*, *Parashorea lucida*, *Shorea assamica*, *S. hypochra*, *S. leprosula*, *S. maxwelliana*.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*). (3) Beeson 1941 (1961: 260) (*hopeae* nomen nudum, synonymy in Browne 1977a: 97). Browne 1960: 216–217 and Schedl 1962f: 168 (described male). References: (cn) Mathur & Singh 1961a: 39. (hb) Beaver & Browne 1978: 617; Browne 1941, 1961c: 233. (ds) Beaver & Browne 1978: 617; Beeson 1941 (1961: 257); Browne 1961c: 233, 1977a: 98; Mathur & Singh 1961a: 39; Schedl 1962f: 168, 1972f: 267. (tx) Browne 1960: 216–217, 1962c: 216, 1964: 760, 1977a: 98; Schedl 1939e: 364, 1962f: 168, 1966g: 42, 1972f: 267, 1972p: 159, 1978a: 24; Wood, S. L. 1969c: 118, 1978a: 24.

assamensis Browne 1964: 760 (*Diacavus*). Holotype ♂; India: Assam, Margherata, Lakhimpur Div.; BMNH, London. Synonymy: Schedl 1972f: 267.

Notes: (3) Beeson 1941 (1961: 257) (*assamensis* nomen nudum, synonymy in Browne 1977a: 97).

References: (cn) Sen-Sarma & Thakur 1986: 37. (ds) Beeson 1941 (1961: 257); Browne 1968a: 132–134, 1970: 576, 1977a: 97, 1980d: 490; Mathew 1982, 1987: 188. (tx) Browne 1964: 760, 1977a: 97; Schedl 1972f: 267, 1972p: 159.

dipterocarp Browne 1977b: 98. Holotype ♂; Andaman Islands; BMNH, London.

Figures: Browne 1977b: 99.

Distribution: Andaman Islands.

Hosts: *Canarium euphyllum*, *Dipterocarpus turbinatus*.

Notes: (3) Beeson 1941 (1961: 257) (*dipterocarp* nomen nudum, synonymy in Browne 1977a: 97). References: (cn) Sen-Sarma & Thakur 1986: 37. (ds) Beeson 1941 (1961: 257); Bhasin, Roonwal, & Singh 1958; Browne 1981b: 598; Ohno, Yoneyama, & Nakazawa 1982b: 11. (tx) Browne 1977b: 98–99.

exilis (Schedl) 1942a: 218 (*Diacavus*). Lectotype ♂; Malaya, Selangor, Bukit Arang; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 118.

Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).

Hosts: *Shorea laevis*, *Vatica* sp.

Notes: (3) Browne 1962c: 219 (described female).

References: (hb) Browne 1961c: 233. (ds) Browne 1961c: 233, 1980a: 371, 1984c: 449; Ohno, Yoneyama, & Narazawa 1987a: 96; Schedl 1959c: 168, 1972f: 267. (tx) Browne 1962c: 219; Schedl 1942a: 218, 1972f: 267, 1978a: 29.

frontalis (Strohmeyer) 1914f: 5 (*Diapus*). Holotype ♂; Borneo (Sarawak); Stettin Museum, presumably lost.

Distribution: Indonesia (Sarawak in Borneo).

Notes: (1) Schedl 1939e: 363 (to *Diacavus*), Wood 1969c: 118 (to *Genyocerus*).

References: (ds) Schedl 1972f: 267. (tx) Browne 1964: 760; Schedl 1939e: 363–364, 1942a: 216, 1972f: 267; Strohmeyer 1914f: 5–6; Wood, S. L. 1969c: 118.

intermedius (Browne) 1968a: 134 (*Diacavus*). Holotype ♂; Vietnam: near Bien Hoa; BMNH, London.

Distribution: Asia (Malaya/ Vietnam), Philippine Islands.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*).

References: (ds) Browne 1977a: 99, 1981b: 597; Schedl 1972f: 268. (tx) Browne 1968a: 134, 1977a: 99; Schedl 1972f: 268; Wood, S. L. 1969c: 118.

laticollis (Browne) 1962c: 217 (*Diacavus*). Holotype ♂; Malaya: Selangor, Keping; BMNH, London.

Distribution: Asia (Malaya).

Hosts: *Shorea leprosula*.

Notes: (1) Browne 1964: 753 (original spelling of *haticollis* corrected to *laticollis*). Wood 1969c: 118 (to *Genyocerus*).

References: (ds) Schedl 1972f: 268. (tx) Browne 1962c: 217, 1964: 753; Schedl 1972f: 268; Wood, S. L. 1969c: 118.

multiporus (Schedl) 1936h: 67 (*Diapus*). Holotype ♀; Philippine Islands; Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands.

Notes: (1) Wood 1969: 118 (to *Genyocerus*).

References: (ds) Schedl 1966b: 102, 1972f: 268. (tx) Nobuchi 1985: 330; Schedl 1936h: 67, 1939e: 364, 1942a: 216, 1950g: 894, 1972f: 268, 1978a: 45.

papuanus Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Wp., Wawoi-Guavi, 150 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Anisoptera* sp.

References: (tx) Roberts 1992:(in press).

philippinensis (Schedl) 1942a: 216 (*Diacavus*). Holotype ♂; Kolambugan, Philippines; Schedl Collection in NHMW, Wien.

Figures: Nakashima 1975: 67 (mycetangia).

Distribution: Asia (introduced in Japan/ Malaya), Indonesia (Borneo), Philippine Islands.

Hosts: *Dryobalanops oblongifolia*, *Shorea leprosula*, *S. maxwelliana*.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*). (3) Schedl 1966g: 41 (described female).

References: (ay) Nakashima 1975: 7. (ec) Nakashima 1975: 7. (hb) Beaver & Browne 1978: 617. (ds) Beaver & Browne 1978: 618; Nakashima 1975: 3; Nobuchi 1977: 151; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1966b: 102, 1966g: 34, 1972f: 268. (tx) Nakashima 1975: 67; Nobuchi 1985: 330; Schedl 1942a: 216, 1963j: 483, 1964h: 425, 1966g: 40–41, 1972f: 268, 1978a: 55.

quadridentis Browne 1962c: 218 (*Diacavus*). Holotype ♂; Philippines: Mt. Maquiling, Laguna; Forest Products Research Institute, Laguna. Synonymy: Schedl 1964h: 425.

References: (hb) Browne 1961c: 233. (ds) Browne 1961c: 233–234. (tx) Browne 1962c: 218; Schedl 1963j: 483, 1964h: 425.

plumatus (Schedl) 1936h: 66 (*Diapus*). Holotype ♀; Philippines (Luzon?); Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands (Luzon?).

References: (ds) Schedl 1966b: 103, 1972f: 268. (ds) Nobuchi 1985: 330; Schedl 1936h: 66, 1972f: 268, 1978a: 55. (tx) Schedl 1936h: 66.

puer (Schedl) 1969b: 223 (*Diapus*). Holotype ♂; New Guinea: Oomsis, Morobe Distr.; CSIRO, Canberra.

Hosts: *Anisoptera polyandra*, *A. sp.*, *Dysoxylum sp.*, *Hopea sp.*

Notes: (1) Roberts 1992:(in press) (subspecies established).

References: (ds) Schedl 1972f: 264. (tx) Roberts 1992:(in press); Schedl 1972f: 264, 1978a: 58.

puer puer:

Distribution: New Guinea.

References: (tx) Roberts 1992:(in press).

trispinatus Schedl 1974d: 471 (*Diacavus*). Holotype ♂; New Guinea Industries Logging Area, Gabensis, Morobe Distr.; CSIRO, Canberra. Synonymy: Roberts 1992:(in press).

References: (ds) Browne 1984c: 449, 1985: 191. (tx) Browne 1985a: 197; Roberts 1992:(in press); Schedl 1974d: 471, 1978a: 75.

puer fergussonus Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mb: Gamadoudou, 50 m; BPBM, Honolulu.

Distribution: New Guinea (Fergusson Island).

References: (tx) Roberts 1992:(in press).

quadrioveolatus (Schedl) 1970b: 369 (*Diacavus*). Holotype ♂; Sabah, Semporna (Borneo) to Miyako (Japan), imported; PPST, Tokyo.

Figures: Nobuchi 1978a: 80.

Distribution: Indonesia (Borneo).

Hosts: Lauan log.

References: (ds) Browne 1984c: 449; Nobuchi 1977: 149; Schedl 1972f: 268. (tx) Nobuchi 1978a: 80, 1978b: 82; Schedl 1970b: 369–370, 1972f: 268, 1978a: 60.

quadriporus (Schedl) 1942a: 217 (*Diacavus*). Lectotype ♂; Malaya, Selangor, Buloh F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 60.

Distribution: Asia (Malaya), Philippine Islands.

Hosts: *Shorea bracteolata*, *S. parvifolia*.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*).

References: (hb) Yunus & Hua 1980: 216. (ds) Schedl 1971c: 366, 1972f: 268; Yunus & Hua 1980: 216. (tx) Schedl 1942a: 217, 1972f: 268, 1978a: 60; Wood, S. L. 1969c: 118.

serratus (Schedl) 1936d: 17 (*Diapus*). Lectotype ♂; Malay Peninsula: Pahang, Bilut For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 66.

Distribution: Asia (India/ Malaya), Indonesia (Sarawak in Borneo).

Hosts: *Dipterocarpus borneensis*, *Dryobalanops oblongifolia*, *Hopea ferrea*, *Parashorea lucida*, *Shorea bracteolata*, *S. laevis*, *S. leprosula*, *S. macrocarpa*, *S. maxwelliana*.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*).

References: (cn) Browne 1949d. (ec) Browne 1958b. (hb) Beaver & Browne 1978: 618; Browne 1961c: 233–235; Browne 1936a, 1941, 1949d: 73, 1958b; Yunus & Hua 1980: 216. (ds) Beaver & Browne 1978: 618; Browne 1936a, 1941, 1949d: 1958b, 1961a: 317, 1961c: 233. (ds) Beaver & Browne 1978: 618; Beeson 1941 (1961: 260); Browne 1936a, 1961a: 317, 1961c: 233; Schedl 1936j: 22, 1959c: 168, 1964c: 305, 1972f: 268. (tx) Schedl 1936d: 17–18, 22, 1939e: 364, 1942a: 216, 1972f: 268, 1978a: 65.

sexporus (Schedl) 1942a: 217 (*Diacavus*). Lectotype ♂; Malaya, Kuala Lumpur; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 66.

Distribution: Asia (Malaya).

Hosts: *Gonystylus sp.*, *Shorea sp.*

Notes: (1) Wood 1969c: 118 (to *Genyocerus*).

References: (hb) Browne 1961c: 235. (ds) Browne 1961c: 235; Choo & Woo 1983; Schedl 1971c: 366, 1972f: 268. (tx) Browne 1964: 760, 1970: 582; Schedl 1942a: 217, 1972f: 268, 1978a: 66; Wood, S. L. 1969c: 118.

shoreae Browne 1981b: 605. Holotype ♂; Butuan (Philippines) to Nagoya (Japan), imported; BMNH, London.

Distribution: Philippine Islands.

Hosts: *Shorea sp.*

References: (tx) Browne 1981b: 605.

strohmeyeri Wood 1992b: 78. Syntypes, sex?; Insel Simaloer, westlich Sumatra; IPKE, Eberswalde, automatic.

Distribution: Indonesia (Sumatra).

References: (tx) Wood, S. L. 1992b: 78–79.

albipennis Strohmeier 1942: 284 (*Diapus*). Syn-types, sex?; Insel Simaloer, westlich Sumatra; IPKE, Eberswalde, preoccupied by Motschulsky 1858.

Notes: (1) Schedl 1972f: 267 (to *Diacavus*, =*Genyocerus*).

References: (tx) Schedl 1959a: 515, 1966g: 40–42, 1972f: 267; Strohmeier 1942: 284; Wood, S. L. 1992b: 78–79.

talurae (Stebbing) 1906: 418 (*Diapus*). Holotype ♂; Talamalai Forest, N. Coimbatore Hills, Madras, India; FRI, Dehra Dun.

Figures: Beeson 1917: pls. 1–2, figs. 1–12 (as *furtivus*), Stebbing 1906: pl. 24, fig. 4.

Distribution: Asia (Assam, Bengal, Bihar, Madhya Pradesh, Orissa, Tamil Nadu, Uttar Pradesh in India/ Pakistan/ Thailand/ Vietnam).

Hosts: *Dipterocarpus pilosus*, *Odina wodier*, *Quercus semicarpifolia*, *Shorea robusta*, *S. talura*, *Vateria indica*, *Vatica lanceaefolia*.

Notes: (1) Beeson 1921: 22 (synonymy of *talurae* and *furtivus* cited). Wood 1981 research notes (male syntype found, synonymous with *furtivus*). Schedl 1939e: 364 (to *Diacavus*, =*Genyocerus*).

References: (cn) Pierce, W. D. 1917: 194. (ds) Pierce, W. D. 1917: 194; Schedl 1972f: 264; Strohmeier 1912c: 22. (tx) Beeson 1921: 22; Schedl 1972f: 264; Stebbing 1914: 626; Strohmeier 1912c: 22.

furtivus Sampson 1913: 450 (*Diapus*). Holotype, sex?; Assam; BMNH, London. Synonymy: Beeson 1921: 22, confirmed by Wood in 1981. Notes: (1) Schedl 1939e: 364 (to *Diacavus*, =*Genyocerus*).

References: (ay) Farris & Funk 1965: 531; Francke-Grosmann 1956b; Nunberg 1951: 262. (cn) Beeson 1915: 8–11, 1916: 1–5, 1918: 114–124, 1919: 10–15, 1922: 81–91, 1935:

539–543; Chatterjee 1923: 1–3; Fisher, Thompson, & Webb 1953; Mathur & Singh 1961a: 45; Pierce, W. D. 1917: 194; Sen-Sarma & Thakur 1986: 37; Stebbing 1914: 630; Waterson 1922: 51–94. (ec) Beeson 1921b: 298, 1923: 222; Farris & Runk 1965: 531; Francke-Grosmann 1956b; Stebbing 1914: 630; Thompson, W. R. & Simmonds 1964: 15, 1965: 68. (hb) Beaver & Browne 1975: 305; Beeson 1915b: 298, 1916a: 222, 1923, 1941 (1961: 258); Imms 1925: 510, 1957: 816; Stebbing 1914: 630. (ds) Beaver & Browne 1975: 305; Beeson 1915b, 1916a, 1919b, 1921b, 1923, 1930, 1941 (1961: 258); Mathur & Singh 1961a: 45; Murayama 1934f: 145; Pierce, W. D. 1917: 194; Schedl 1962f: 168, 1972f: 267; Strohmeier 1914c: 47. (tx) Beeson 1915: 298, 1917: 1–29, 1921: 22, 1930; Browne 1968a: 134; Imms 1925: 510, 1957: 816; Sampson 1913: 450–451; Schedl 1939e: 364, 1972f: 267; Stebbing 1914: 630; Strohmeier 1914c: 47.

mirus Sampson 1913: 452 (*Diapus*). Holotype ♀; Assam; BMNH, London. Synonymy: Schedl 1972q: 268.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*). References: (cn) Pierce, W. D. 1917: 194; Stebbing 1914: 633. (ec) Stebbing 1914: 633. (hb) Stebbing 1914: 633. (ds) Pierce, W. D. 1917: 194; Strohmeier 1914c: 47. (tx) Beeson 1915: 298, 1917: 1–29; Sampson 1913: 452; Schedl 1939e: 364, 1942a: 216, 1972f: 268; Stebbing 1914: 633; Strohmeier 1914c: 47.

tenellus (Schedl) 1966g: 42 (*Diacavus*). Holotype ♂; Diapitan, Philippine Islands to Tokyo (Japan), imported; PPST, Tokyo.

Distribution: Philippine Islands.

Hosts: Lauan log.

References: (ds) Nobuchi 1977: 148; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1972f: 268. (tx) Nobuchi 1985: 330; Schedl 1966g: 42, 1972f: 268, 1978a: 72.

Tribe Tesserocerini Blandford

Tesserocerini genuini

References: Blandford 1895b: 115.

Tesserocerini

References: Schedl 1939b: 396, 400.

Tesserocerariae

References: Strohmeier 1914b: 18–19.

Platyarsulinae

References: Schedl 1972f: 83, 269.

Genus *Platyarsulus* Schedl

PLATYARSULUS SCHEDL 1935: 632. Type-species: *Platyarsulus marshalli* Schedl, monobasic.

References: (hb) Browne 1961c: 235; Schedl 1972f: 273. (ds) Schedl 1972f: 273. (tx) Blackman 1944: 77; Schedl 1935n: 632, 1939b: 387, 1972f: 273.

biconicus Schedl 1954e: 162. Lectotype, sex?; Borneo; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 14.

Figures: Schedl 1972f: 272.

Distribution: Indonesia (Borneo).

Hosts: Camphor wood.

References: (ds) Browne 1981b: 599; Schedl 1972a: 274. (tx) Schedl 1954e: 162, 1972f: 272, 274, 1978a: 14.

borneensis Schedl 1942a: 214. Holotype, sex?; Borneo; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Borneo).

References: (ds) Schedl 1972f: 274. (tx) Schedl 1942a: 214, 1972f: 274, 1978a: 17.

declivis Schedl 1942a: 215. Holotype, sex?; Malaya, Temerloh F.R.; Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya).

Hosts: *Dryobalanops aromatica*.

References: (ds) Browne 1961c: 235, 1983a: 555; Schedl 1964g: 242, 1971c: 366, 1972f: 274. (tx) Schedl 1942a: 215, 1972f: 274, 1978a: 23.

elongatus Schedl 1942a: 215. Lectotype ♂; Malaya, Selangor, Gombak; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 27.

Distribution: Asia (Malaya), Indonesia (Borneo).

Hosts: *Balanocarpus heimii*, *Dryobalanops aromatica*, *Shorea faguetiana*.

References: (ds) Browne 1961c: 235, 1980c: 483, 1980d: 491, 1984c: 449; Schedl 1959c: 168, 1971c: 371, 1972f: 274. (tx) Nobuchi 1985: 330; Schedl 1942a: 215, 1972f: 274, 1978a: 27.

marshalli Schedl 1935n: 632. Syntypes, sex?; Malay States: Johore North, Kluang, North Borneo: Bettotan near Sandakan; BMNH, London, and Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya), Indonesia (Borneo).

Hosts: *Dryobalanops aromatica*.

Notes: (1) Schedl 1978a: 43 (restricts location of "types" to those in BMNH, London).

References: (hb) Browne 1941. (ds) Browne

1961c: 235; Schedl 1972f: 274. (tx) Schedl 1935n: 632–633, 1942a: 215, 1972f: 274, 1978a: 43.

mirabilis Menier 1978: 36. Holotype ♂; Santibang?; BMNH, London.

Figures: Menier 1978: 37.

Distribution: Asia (Malaya), Indonesia (Borneo).

References: (tx) Menier 1978: 36.

namulus Schedl 1942a: 215. Holotype, sex?; Selangor, Bukit, Arang, 1000 Fuss; Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya).

References: (ds) Browne 1961c: 235; Schedl 1972f: 274. (tx) Schedl 1942a: 215, 1972f: 274, 1978a: 46.

tuberculatus Browne 1983a: 572. Holotype, sex?; Tatau (Sarawak) to Nagoya (Japan), imported; BMNH, London.

Distribution: Indonesia (Sarawak in Borneo).

References: (tx) Browne 1983a: 572.

Genus *Notoplatypus* Lea

NOTOPLATYPUS LEA 1910: 135. Type-species: *Notoplatypus elongatus* Lea, monobasic.

References: (tx) Blackman 1944: 77; Lea 1910: 135; Nunberg 1953: 46; Schedl 1936g: 519, 1939b: 387–389, 1972f: 275–277.

elongatus Lea 1910: 136. Syntypes, sex?; N.S. Wales: Ropes Creek, Galston; Lea Collection in SAM, Adelaide.

Figures: Nunberg 1953: pl. 9, fig. 7, Schedl 1972f: 275.

Distribution: Australia (New South Wales, Queensland).

Hosts: *Eucalyptus acmenioides*, *E. drepanophylla*.

References: (ds) Schedl 1936g: 519, 1965g: 25, 1971f: 151, 1972a: 144, 1972f: 277, 1975h: 352; Strohmeier 1912c: 19, 1914c: 29. (tx) Hopkins 1914: 125; Lea 1910: 136; Schedl 1936g: 519, 1939b: 379–380, 384, 1941e: 157–158, 1965g: 25, 1972f: 275–277; Strohmeier 1912c: 19, 1914c: 29.

Genus *Tesserocerus* Saunders

TESSEROCERUS SAUNDERS 1836: 155. Type-species: *Platypus (Tesserocerus) insignis* Saunders, monobasic.

Damicerus Spinola 1837: 333 (in Dejean). Type-species: *Damicerus agilis* Spinola = *Tesserocerus insignis* Saunders. Synonymy: Schedl 1972a: 119.

References: (tx) Schedl 1972a: 119; Spinola 1837: 333.

Tesseroplatus Schedl 1935e: 149. Type-species: *Tesseroplatus ursus* Schedl = *Tesserocerus insignis* Saunders, designated by Wood 1992a: 90–91. Synonymy: Schedl 1972: 115.

References: (tx) Schedl 1935e: 149, 1939b: 400, 1972a: 115; Wood, S. L. 1992a: 90–91.

Tesserocephalus Schedl 1936: 103. Type-species:

Tesserocephalus forficula Schedl, monobasic.
Synonymy: Schedl 1972a: 116.

References: (tx) Schedl 1936i: 103, 1939b: 400.

References: (ds) Dourojeanni 1965: 9–25; Reichardt 1965b: 162; Schedl 1972f: 116–119. (tx) Chapuis 1865: 7–23; Sampson 1924: 545; Saunders 1836: 155–157; Schedl 1933c: 164, 1935e: 149, 1939b: 383, 400, 1952a: 444, 1960c: 56, 1972f: 116.

alternantes Schedl 1977: 47. Holotype ♂; El Salvador, Metapan, 1600–2200 m; Schedl Collection in NHMW, Wien.

Distribution: North America (El Salvador).

Hosts: *Quercus* sp.

References: (tx) Schedl 1977e: 47.

belti Sharp 1880: 112. Syntypes, sex?; Chontales [Nicaragua]; BMNH, London.

Distribution: North America (Costa Rica/ Nicaragua).

Hosts: *Cedrus amara*, *Vismia guianensis*.

References: (cn) Grandi 1951. (hb) Grandi 1951; Paulian 1949a: 989. (ds) Blackwelder 1947: 791; Blandford 1896e; Equihua & Atkinson 1987: 16; Reichardt 1965b: 163; Schedl 1933c: 163, 1972f: 119; Strohmeyer 1911f: 204, 1912c: 20. (tx) Blandford 1896e: 114, 117; Equihua & Atkinson 1987: 16; Schedl 1933c: 163, 1940c: 203, 1941e: 157, 1972f: 119; Sharp 1880: 112; Strohmeyer 1911f: 204, 1912c: 20.

bilobus (Schedl) 1961i: 231 (*Platypus*). Syntypes ♂; Cayenne; Schedl Collection in NHMW, Wien.

Distribution: South America (Cayenne).

References: (ds) Schedl 1972f: 119. (tx) Schedl 1961i: 231–232, 1972f: 119, 1978a: 16.

brasiliensis Evers 1910: 18. Holotype ♂; Curitiba, Parana (Sud-Brasilien); Hamburg Museum, lost.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 791; Schedl 1972f: 119; Strohmeyer 1912c: 19, 1914c: 40. (tx) Evers 1910: 18; Schedl 1972f: 119; Strohmeyer 1912c: 19, 1914c: 40.

chapuisi Schedl 1937d: 43. Lectotype ♂; Brasilien, St. Catharina, Lages Hochland; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 19. Figures: Schedl 1972f: 116.

Distribution: South America (Brazil/ Colombia).

References: (ds) Blackwelder 1947: 791; Schedl 1972f: 119. (tx) Schedl 1937d: 43, 1952a: 444, 1963d: 234, 1972f: 116, 119, 1978a: 19; Wood, S. L. 1966a: 46.

contractus Chapuis 1865: 298. Holotype ♂ (Schedl 1960: 57); Bresil, Obydos; BMNH, London.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1972f: 119; Strohmeyer 1912c: 19. (tx) Chapuis 1865: 298; Schedl 1960c: 57, 1972f: 119; Strohmeyer 1912c: 19.

despectus Schedl 1971f: 154. Holotype ♂; Brasilien; UZMC, Copenhagen.

Distribution: South America (Brazil).

References: (ds) Schedl 1972f: 119. (tx) Schedl 1971f: 154–155, 1972f: 119.

dewalquei Chapuis 1865: 300. Syntypes 2♂, 1♀ (Schedl 1960c: 58); Bresil, Ega; BMNH, London. Distribution: North America (Costa Rica/ El Salvador/ Guatemala/ Nayarit, Veracruz in Mexico/ Nicaragua/ Panama), South America (Argentina/ Bolivia/ Brazil/ Cayenne/ Colombia/ Paraguay/ Peru/ Suriname/ Venezuela).

Hosts: *Caryocar nucifera*, *Hevea brasiliensis*, *Ocotea rodiazi*.

Notes: (3) Dejean 1837: 333 (*appendiculatus* nomen nudum, synonymy in Schedl 1937d: 43).

References: (ds) Blackwelder 1947: 791; Equihua 1985: 144; Equihua & Atkinson 1987: 16; Estrada & Atkinson 1988: 213; Gemminger & Harold 1872: 2700; Nunberg 1963c: 107; Reichardt 1965b: 163; Schedl 1960a: 80, 1970e: 89, 1970f: 582, 1971f: 151, 1972f: 119, 1972g: 51, 1976a: 59, 1977e: 44, 1978c: 292, 1979e: 59; Strohmeyer 1912c: 19, 1914c: 40. (tx) Chapuis 1865: 300; Dejean 1837: 333; Equihua & Atkinson 1987: 16; Reichardt 1965b: 163; Schedl 1936c: 249, 1936e: 61, 1937d: 43, 1938i: 28, 1948d: 38, 1952a: 445, 1952e: 123, 1952h: 74, 1958c: 2, 1960a: 80, 1960c: 58, 1972f: 119; Strohmeyer 1912c: 19, 1914c: 40.

aubei Chapuis 1865: 301. Syntypes 1♂, 1♀ (Schedl 1960c: 58); Bresil, Ste-Catherine; BMNH, London. Synonymy: Reichardt 1957b: 163, Schedl 1972: 119.

References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Strohmeyer 1914c: 40. (tx) Chapuis 1865: 301; Reichardt 1957b: 163, 1965: 163; Schedl 1960c: 58, 1972a: 119; Strohmeyer 1914c: 40.

dejeani Chapuis 1865: 303. Syntypes; Colombie et du Mexique; 2♂, 1♀ in BMNH, London, 3♂, 2♀ in IRSNB, Brussels, 1♂, 2♀ in MNB, Berlin (Schedl 1960c: 59). Synonymy: Reichardt 1965b: 163, Schedl 1972a: 119.

References: (hb) Kalshoven 1963: 238; Swabey 1935: 7. (ds) Blackwelder 1947: 791; Blandford 1896e: 115; Ferrer 1942; Gemminger & Harold 1872: 2701; Kalshoven 1963: 238; Schedl 1933c: 163, 1963c: 160, 1966f: 77; Strohmeyer 1912c: 19, 1914c: 40; Swabey 1935: 7. (tx) Blandford 1896e; Chapuis 1865: 303; Schedl 1937d: 43, 1940a: 328, 1952e: 123, 1952h: 14, 1960c: 59, 1972a: 119; Strohmeyer 1912c: 19, 1914c: 40.

elegans Chapuis 1865: 295. Syntypes; Colombie; 1♂ BMNH, London, 1♂, 3♀ in IRSNB, Brussels (Schedl 1960c: 57).

Distribution: North America (Costa Rica/ Panama), South America (Colombia/ Peru/ Venezuela).

Hosts: *Enterolobium* sp., *Erythrina costaricensis*, *Lonchocarpus magaritensis*, *Spondias purpurea*.

References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1972f: 119; Strohmeyer 1912c: 20, 1914c: 40. (tx) Chapuis 1865: 295; Numberg 1939: 241, 1940: 69; Schedl 1937d: 43, 1952h: 74, 1960c: 57, 1972f: 119; Strohmeyer 1912c: 20, 1914c: 40.

ericius Blandford 1896e: 115. Syntypes 18, ♂ ♀; Mexico (Orizaba), Guatemala (Cerro Zunil, El Tumbador, Las Mercedes), Panama (Volcan de Chiriqui); BMNH, London.

Figures: Equihua & Atkinson 1987: 15.

Distribution: North America (Belize/ Costa Rica/ Guatemala/ Veracruz in Mexico/ Panama), South America (Brazil).

Hosts: *Bursera simarubra*, *Vismia guianensis*.

References: (ds) Atkinson & Equihua 1986a: 423; Blackwelder 1947: 791; Equihua 1985: 144; Equihua & Atkinson 1987: 16; Ferrer 1942; Reichardt 1965b: 163; Schedl 1933c: 163, 1966f: 94, 1967d: 5, 1972f: 119; Strohmeyer 1912c: 20, 1914c: 40. (tx) Blandford 1896e: 114–115; Equihua & Atkinson 1987: 15, 16; Reichardt 1965b: 163; Schedl 1940a: 327–328, 1941e: 157, 1972f: 119; Strohmeyer 1912c: 20, 1914c: 40.

forceps Wood 1966b: 46. Holotype ♂; Pandora, Limon Prov., Costa Rica; Wood Collection.

Figures: Wood 1966b: 47.

Distribution: North America (Costa Rica).

References: (ds) Equihua & Atkinson 1987: 16; Schedl 1972f: 119. (tx) Equihua & Atkinson 1987: 16; Schedl 1972f: 119; Wood, S. L. 1966b: 46–47.

forcipatus Schedl 1972g: 84. Holotype ♂; Brasilien, Jacareacanga, Para; MZUSP, Sao Paulo.

Distribution: South America (Brazil).

References: (ds) Schedl 1976a: 59. (tx) Schedl 1972g: 84, 1978a: 31.

forficulus (Schedl) 1936i: 103 (*Tesserocephalus*). Holotype ♀; Guyana; Schedl Collection in NHMW, Wien.

Distribution: South America (Guyana).

Notes: (1) Schedl 1972f: 119 (to *Tesseroцерus*).

References: (ds) Blackwelder 1947: 791; Schedl 1972f: 119. (tx) Reichardt 1965: 163; Schedl 1936i: 103, 1972f: 119.

fronteproductus Schedl 1936i: 102. Holotype ♂; Brasilien; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 791; Schedl 1972f: 119. (tx) Schedl 1936i: 101–103, 1972f: 119, 1978a: 31.

gebieni Evers 1910: 18. Holotype ♀; Lages (Brasilien); Hamburg Museum, lost.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 791; Schedl 1972f: 119; Strohmeyer 1912c: 20, 1914c: 40. (tx)

Evers 1910: 18; Schedl 1972f: 119; Strohmeyer 1912c: 20, 1914c: 40.

guerini Chapuis 1865: 299. Syntypes; Bresil: 1 ♂, 2 ♀ in BMNH, London, 1 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 58).

Distribution: South America (Argentina/ Bolivia/ Brazil/ Cayenne).

Hosts: *Araucaria angustifolia*, *Cedrela fissilis*, *Eschweilera sagotianum*, *Ocotea rodiaei*.

References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1960a: 78, 1966f: 94, 1967d: 5, 1970e: 89, 1971f: 151, 1972f: 119, 1972f: 51, 1976a: 59; Schonherr & Pedrosa-Macedo 1981: 58; Strohmeyer 1912c: 20, 1914c: 40. (tx) Chapuis 1865: 299; Schedl 1936c: 249, 1937d: 43, 1939b: 394, 1941e: 157, 1951h: 285, 1960c: 58, 1972f: 119; Strohmeyer 1912c: 20, 1914c: 40.

guerini montanus Schedl 1960a: 78. Syntypes, sex?; Corvico, Huarinillas, Bolivia, 1160 m; not given, presumably CAS, San Francisco, and Schedl Collection in NHMW, Wien.

Notes: (1) Schedl 1972f: 119 (not mentioned).

References: (tx) Schedl 1960a: 78.

inermis Guerin-Meneville 1838a: 106. Holotype ♂; Cayenne; MNHN, Paris.

Distribution: South America (Brazil/ Cayenne/ Ecuador/ Guyana/ Peru).

References: (ds) Blackwelder 1947: 791; Chapuis 1865; Gemminger & Harold 1872: 2701; Schedl 1972f: 119, 1976a: 59; Strohmeyer 1912c: 20. (tx) Chapuis 1865: 310; Guerin-Meneville 1838a: 106; Lucas 1920: 633; Schedl 1941e: 157, 1960c: 61, 1972f: 119; Strohmeyer 1912c: 20. (ms) Lucas 1920: 633.

insignis (Saunders) 1836: 155 (*Platypus*). Holotype ♀; Brasilia circum Monte Video; possibly in BMNH, London.

Distribution: South America (Argentina/ Bolivia/ Brazil/ Paraguay/ Uruguay).

Hosts: *Cedrela fissilis*.

Notes: Dejean 1837: 333 (*Damicerus agilis* nomen nudum, *D. denticornis* nomen nudum, *D. melanocephalus* nomen nudum, synonymy in Schedl 1972f: 119–120).

References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (ds) Blackwelder 1947: 791; Blandford 1895b; Chapuis 1865; Gemminger & Harold 1872: 2701; Lacordaire 1866: 392; Santoro 1957b: 25; Schedl 1966f: 94, 1970e: 88, 1971f: 151, 1972f: 119, 1972g: 51, 1976a: 59, 1979e: 59; Schonherr & Pedrosa-Macedo 1981: 58; Strohmeyer 1911f: 204, 1912c: 20, 1914c: 40. (tx) Blandford 1895b; Castelnau 1840; Chapuis 1865: 308; Dejean 1837: 333; Guerin-Meneville 1838a; Hopkins 1914: 130; Lacordaire 1866: 392; Lucas 1920: 633; Numberg 1959: 493; Saunders 1836: 155; Schedl 1935e: 150, 1936c: 249, 1936e: 61, 1937d: 43, 1939j: 565, 1941e: 157, 1951h: 285–

- 256, 1952d: 343, 1960c: 60, 1966c: 43, 1972f: 119–120; Sharp 1880: 112; Strohmeier 1911c: 204, 1912c: 20, 1914c: 40. (**ms**) Lucas 1920: 633. *bilamatus* Guérin-Meneville 1838a: 106. Holotype ♀; Bresil; MNHN, Paris. Synonymy: Schedl 1972f: 119.
References: (**ds**) Blackwelder 1947: 791. (**tx**) Guérin-Meneville 1838a: 106; Schedl 1972f: 119–120.
- ursus* Schedl 1935c: 149 (*Tesscroplatypus*). Holotype ♀; Parana, Brasilien; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972f: 120.
References: (**ds**) Blackwelder 1947: 791. (**tx**) Schedl 1935c: 149, 1972f: 120, 1978a: 78.
- linearis** Chapuis 1865: 302. Syntypes, sex?; Bresil; BMNH, London.
Distribution: South America (Brazil).
References: (**ds**) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1972f: 120; Strohmeier 1912c: 20, 1914c: 40. (**tx**) Chapuis 1865: 302; Schedl 1960c: 58, 1972f: 120; Strohmeier 1912c: 20, 1914c: 40.
- morsi** Chapuis 1865: 298. Syntypes 2 ♀; Cayenne; 1 ♀ IRSNB, Brussels, 1 ♀ MNB, Berlin.
Distribution: South America (Cayenne).
Notes: (3) Schedl 1960: 57 (*mutilatus* Chapuis, nomen nudum, synonymy in Schedl 1972f: 120).
References: (**ds**) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1972f: 120; Strohmeier 1912c: 20, 1914c: 40. (**tx**) Chapuis 1865: 298; Schedl 1937d: 33, 43, 1960c: 57, 1972f: 120; Strohmeier 1912c: 20, 1914c: 40.
- procer** (Erichson) 1847: 138 (*Platypus*). Holotype ♀; not given; MNB, Berlin.
Distribution: South America (Bolivia/ Brazil/ Cayenne/ Guyana/ Peru/ Suriname/ Venezuela).
Hosts: *Catostemma* sp., *Sinarubra smar.*
References: (**ds**) Blackwelder 1947: 791; Chapuis 1865; Gemminger & Harold 1872: 2701; Lacordaire 1866: 392; Schedl 1972f: 120, 1972g: 51, 1976a: 59, 1978c: 293; Strohmeier 1912c: 20, 1914c: 40. (**tx**) Chapuis 1865: 305; Erichson 1847: 138; Lacordaire 1866: 392; Nunberg 1939: 241, 1940: 69; Schedl 1937d: 33, 43, 1952d: 343, 1952h: 74, 1960c: 59, 1972f: 120; Strohmeier 1912c: 20, 1914c: 40.
- obtus* Chapuis 1865: 304. Syntypes 1♂, 1♀ (Schedl 1960c: 59); Guyane française, Cayenne et du Bresil, Ega; BMNH, London. Synonymy: Schedl 1960c: 59.
References: (**ds**) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1960a: 79; Strohmeier 1912c: 20, 1914c: 40. (**tx**) Chapuis 1865: 304–305; Schedl 1936e: 61, 1941e: 157, 1952d: 343, 1952h: 74, 1958c: 2, 1960a: 79, 1960c: 59, 1972a: 120; Strohmeier 1912c: 20, 1914c: 40.
- productus** Shuckard 1838: 509. Holotype ♀; Brazil?; Shuckard Collection.
Distribution: South America (Brazil).
References: (**ds**) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Strohmeier 1912c: 20. (**tx**) Schedl 1972a: 120; Shuckard 1838: 509; Strohmeier 1912c: 20.
- quadridens** Schedl 1972g: 84. Holotype ♂; Brasilien, Jacareacanga, Para; MZUSP, Sao Paulo.
Distribution: South America (Brazil).
Notes: (3) Schedl 1976a: 92 (described female).
References: (**tx**) Schedl 1972g: 84, 1976a: 92, 1978a: 60.
- retusus** Guérin-Meneville 1838a: 106. Holotype ♂; Mexique; MNHN, Paris (not found by Schedl 1960c: 56).
Distribution: North America (apparently Veracruz in Mexico), South America (Colombia).
References: (**ds**) Blackwelder 1947: 791; Chapuis 1865: 294; Equihua & Atkinson 1987: 16; Gemminger & Harold 1872: 2701; Lacordaire 1866: 392; Schedl 1972f: 120; Strohmeier 1912c: 20, 1914c: 40. (**tx**) Chapuis 1865: 294; Equihua & Atkinson 1987: 16; Guérin-Meneville 1838a: 106; Lacordaire 1866: 392; Lucas 1920: 633; Schedl 1960c: 56, 1972f: 120; Strohmeier 1912c: 20, 1914c: 40. (**ms**) Lucas 1920: 633.
- affinis* Guérin-Meneville 1838: 106. Holotype ♀; Mexique; MNHN, Paris. Synonymy: Schedl 1972f: 120.
References: (**tx**) Guérin-Meneville 1838a: 106; Schedl 1960c: 56, 1972f: 120.
- rudis** Chapuis 1865: 297. Holotype ♀ (Schedl 1960c: 47); De la province de Venezuela et Caracas; MNHN, Paris.
Distribution: South America (Venezuela).
Hosts: *Eschweilera* sp.
References: (**ds**) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1972f: 120; Strohmeier 1912c: 20, 1914c: 40. (**tx**) Chapuis 1865: 297; Schedl 1960c: 47, 1972f: 120; Strohmeier 1912c: 20, 1914c: 40.
- schmutzenhoferi** Schedl 1977e: 48. Holotype ♂; El Salvador, Metapan, 1600–2200 m; Schedl Collection in NHMW, Wien.
Distribution: North America (El Salvador).
Hosts: *Quercus* sp.
References: (**tx**) Schedl 1977e: 48.
- simulatus** Schedl 1936c: 249. Lectotype ♀; Guyane Française: Gourdonville, St.-Laurent du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 66.
Distribution: South America (Cayenne).
References: (**ds**) Blackwelder 1947: 791; Nunberg 1958a: 482, 492; Schedl 1972f: 120. (**tx**) Nunberg 1958a: 482, 492; Schedl 1936c: 249, 1960h: 111, 1972f: 120, 1978a: 66.
- spinax** Blandford 1896e: 116. Syntypes 2 ♂; Nicaragua (Chontales), Panama (Volcan de Chiriqui); BMNH, London.

Distribution: North America (Costa Rica/ Nicaragua/ Panama), South America (Brazil/ Colombia/ Guyana).

Hosts: *Caryocar nucifera*, *Dialanthera gordonifolis*, *Slonea multiflora*, *Vismia guianensis*.

References: (ds) Blackwelder 1947: 791; Equihua & Atkinson 1987: 16; Schedl 1972f: 120, 1972g: 52; Strohmeier 1912c: 20, 1914c: 40. (tx) Blandford 1896e: 114, 116; Equihua & Atkinson 1987: 16; Schedl 1933c: 163, 1939j: 565, 1972f: 120, 1972g: 85, 1978a: 68; Strohmeier 1912c: 20, 1914c: 40.

spinolae Chapuis 1865: 307. Syntypes 2; Mexique; 1♂ BMNH, London, 1♂ IRSNB, Brussels (Schedl 1960c: 60).

Distribution: North America (Puebla in Mexico).

Hosts: *Alnus* sp.

References: (ds) Blackwelder 1947: 791; Blandford 1896e: 115; Equihua & Atkinson 1987: 16; Ferrer 1942; Gemminger & Harold 1872: 2701; Schedl 1972f: 120; Strohmeier 1912c: 20, 1914c: 40. (tx) Blandford 1896e: 115; Chapuis 1865: 307; Equihua & Atkinson 1987: 16; Schedl 1940a: 328, 1960c: 60, 1972f: 120; Sharp 1880: 112; Strohmeier 1912c: 20, 1914c: 40.

vegrandis Schedl 1935e: 150 (*Tesseroplatus*).

Holotype ♀; Mexico; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972f: 120.

References: (ds) Blackwelder 1947: 791; Ferrer 1942. (tx) Schedl 1935e: 150–151, 1940a: 328, 1972f: 120, 1978a: 79.

ustulatus Shuckard 1838: 508. Holotype ♂; Brazil?; Shuckard Collection.

Distribution: South America (Brazil?).

References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1972f: 120; Strohmeier 1912c: 20. (tx) Schedl 1972f: 120; Shuckard 1838: 508–509; Strohmeier 1912c: 20.

Genus *Tesserocranulus* Schedl

TESSEROCRANULUS SCHEDL 1933: 164. Type-species: *Tesserocranulus nevermanni* Schedl, original designation.

References: (ds) Schedl 1972f: 121. (tx) Reichardt 1965b: 165; Schedl 1933c: 164, 1939b: 400, 1972f: 121.

nevermanni Schedl 1933c: 164. Holotype ♂; Costa Rica, Hamburgfarm, Reventazon, Ebene Limon; Schedl Collection in NHMW, Wien.

Figures: Reichardt 1965b: 161, Schedl 1972f: 121 (male).

Distribution: North America (Costa Rica), South America (Cayenne).

Hosts: *Eschweilera* sp.

References: (ds) Blackwelder 1947: 791; Equihua & Atkinson 1987: 18; Reichardt 1965b: 165; Schedl 1933c: 164, 1972f: 123, 1976a: 59. (tx) Equihua & Atkinson 1987: 18; Reichardt 1965b:

161, 165; Schedl 1933c: 164, 1935e: 151–152, 1936c: 250, 1940c: 203, 1972f: 121, 123, 1978a: 47.

Genus *Spathidicerus* Chapuis

SPATHIDICERUS CHAPUIS 1865: 42, 311. Type-species: *Spathidicerus thomsoni* Chapuis, subsequent designation by Hopkins 1914: 129.

References: (hb) Schedl 1972f: 256. (ds) Schedl 1966b: 101, 1972f: 256. (tx) Chapuis 1865: 42, 311; Hopkins 1914: 129; Murayama 1925: 199–201; Nunberg 1963d: 357–361; Schedl 1939b: 403, 1941c: 359–360, 1957b: 159, 1960c: 61, 1972f: 256–258.

corporaali Browne 1964: 753. Holotype ♀; Sumatra; BMNH, London.

Distribution: Indonesia (Sumatra).

Notes: (3) Schedl 1972f: 253 (treated in *Periommatulus*).

References: (ds) Schedl 1972f: 253. (tx) Browne 1964: 753; Schedl 1972f: 253.

javanus Strohmeier 1913: 165. Syntypes ♂ ♀; Java (Banjoevangi); IPKE, Eberswalde.

Distribution: Indonesia (Java).

References: (ds) Schedl 1972f: 258; Strohmeier 1914c: 43. (tx) Schedl 1972f: 258; Strohmeier 1913: 165, 1914c: 43.

nobilis Chapuis 1865: 315. Syntypes 2♂; Nouvelle-Guinee; BMNH, London.

Distribution: New Guinea.

References: (ds) Browne 1980a: 373; Gemminger & Harold 1872: 2701; Nobuchi 1977: 143; Ohno, Yoshioka, et al. 1988b: 98, 1989: 67; Schedl 1962i: 73, 1972f: 258; Strohmeier 1912c: 21, 1914c: 43. (tx) Chapuis 1865: 315; Schedl 1960c: 61, 1962i: 73, 78, 1972f: 258, 1978a: 47; Strohmeier 1912c: 21, 1914c: 43.

intermedius Schedl 1936g: 519. Syntypes ♂; North-East Papua: Mt. Lamington, 1300–1500 feet; SAM, Adelaide, and Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972f: 258.

References: (ds) Schedl 1936g: 519, 1968f: 537. (tx) Schedl 1936g: 519–520, 1939b: 379, 1941e: 157, 1972f: 258.

papuanus Schedl 1935f: 276. Lectotype ♀; Papua: Kokoda, 1200 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 51.

Distribution: New Guinea.

Notes: (3) Schedl 1972f: 255 (treated in *Periommatulus*).

References: (ds) Schedl 1972f: 255. (tx) Schedl 1935f: 276, 1940b: 434, 1942a: 216, 1972f: 255, 1978a: 51.

philippinensis Schedl 1942a: 216. Holotype ♂; Philippinen; Schedl Collection in NHMW, Wien. Distribution: Philippine Islands.

Notes: (3) Schedl 1972f: 255 (treated in *Periommatulus*).

References: (ds) Schedl 1966b: 101, 1972f: 255.

(**tx**) Nobuchi 1985: 330; Schedl 1942a: 216, 1972f: 255, 1978a: 55.

sumatranus Schedl 1935j: 4. Lectotype ♀; N.O. Sumatra, Tebing-tinggi; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 72. Distribution: Asia (Malaya), Indonesia (Sumatra). Notes: (3) Schedl 1961c: 70, 74 (described male), 1972f: 255 (treated in *Periommatius*). References: (**ds**) Schedl 1972f: 255, 1975a: 453. (**tx**) Schedl 1935j: 4, 1961c: 70, 74, 1972f: 255, 1978a: 72.

thomsoni Chapuis 1865: 314. Holotype ♀; Inde orientale, Chenabor; IRSNB, Brussels (Schedl 1960h: 61). Figures: Schedl 1972f: 256 (male, part of female). Distribution: Indonesia (Celebes, Java, Sumatra), New Guinea. References: (**ay**) Strohmeier 1918: 21. (**bv**) Meixner 1937: 1218. (**ec**) Fuller 1958: 100. (**ds**) Browne 1980a: 371; Gemminger & Harold 1872: 2701; Lacordaire 1866: 392; Schedl 1971c: 367, 1972f: 258; Strohmeier 1911f: 204, 1912c: 21, 1914c: 43. (**tx**) Chapuis 1865: 314; Hopkins 1914: 129; Lacordaire 1866: 392; Lucas 1920: 572; Meixner 1937: 1218; Schedl 1937d: 44, 1942c: 165, 1960h: 61, 1972f: 256–258; Strohmeier 1911c: 105, 1912c: 21, 1913: 165, 1914c: 43. (**ms**) Lucas 1920: 572.

Genus *Periommatius* Chapuis

PERIOMMATIUS CHAPUIS 1865: 42, 316. Type-species: *Periommatius longicollis* Chapuis, monobasic.

Asetus Nunberg 1958a: 10. Type-species: *Periommatius seterini* Strohmeier, designated by Wood 1992a: 90. Synonymy: Schedl 1972f: 250.

References: (**tx**) Nunberg 1958a: 10; Schedl 1972f: 250; Wood, S. L. 1992a: 90.

Setantus Nunberg 1966b: 25. Type-species: *Periommatius titschacki* Schedl, original designation. Synonymy: Schedl 1972f: 250.

References: (**tx**) Nunberg 1966b: 25; Schedl 1972f: 250.

References: (**hb**) Schedl 1972f: 250. (**ds**) Schedl 1972f: 250. (**tx**) Blackman 1944: 77; Browne 1972a: 179; Chapuis 1865: 42, 316–318; Hopkins 1914: 126, 134, 1915c: 227; Kolbe 1897: 284; Lacordaire 1866: 389, 394; Nunberg 1953: 44, 1958a: 1–57, 1966b: 17–39, 1968b: 373–380; Sampson 1924: 132–133; Schedl 1933c: 164, 1933f: 204, 1935e: 154, 1935f: 276, 1936e: 62, 1937d: 44, 1939b: 403–404, 1939g: 169, 1941c: 359–360, 1952i: 7, 1957d: 147, 1960c: 61, 1962k: 1000, 1965f: 3–15, 1969h: 104, 1972f: 250, 1977b: 272; Strohmeier 1911c: 105, 1912a: 17–18, 27–28, 1912c: 21, 1914b: 4–42, 1918: 1–46.

abruptus Nunberg 1966b: 26. Holotype ♂; Idanre, Nigeria; Federal Department of Forest Research in Ibadan, Nigeria.

Figures: Nunberg 1966b: 39.

Distribution: Africa (Nigeria).

Hosts: *Strombosia pustula*.

References: (**ds**) Nunberg 1966b: 20, 26; Roberts 1968: 192; Schedl 1972f: 252. (**tx**) Nunberg 1966b: 26, 39; Schedl 1972f: 252.

angustior Schedl 1954e: 87. Lectotype ♂; Sunyani [Gold Coast]; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 11.

Figures: Nunberg 1966b: pl. 2, figs. 22, 25.

Distribution: Africa (Ghana/ Nigeria/ Zaire).

Hosts: *Chlorophora excelsa*, *Funtumia elastica*, *Terminalia superba*, *Xylopia* sp.

Notes: (3) Nunberg 1958b: 22 (description quoted), Schedl 1972f: 253 (a subspecies of *excisus*).

References: (**ds**) Browne 1983a: 556; Nunberg 1968b: 373; Roberts 1960b: 35, 1960e, 1960f; Schedl 1962k: 1029, 1966c: 234, 1967e: 222, 1972f: 253. (**tx**) Nunberg 1958b: 22, 1966b: 32; Schedl 1954e: 59, 87, 1962k: 1029, 1972f: 253, 1978a: 11.

simillinus Nunberg 1966b: 34. Holotype ♂; Nigerien, Oban; Federal Department of Forest Research in Ibadan, Nigeria. Synonymy: Schedl 1972f: 253.

References: (**ds**) Nunberg 1966b: 21; Roberts 1968: 193. (**tx**) Nunberg 1966b: 34, 39; Schedl 1972f: 253.

artecircularis Schedl 1966c: 238. Holotype ♂; Congo ex-belge, Luki; Schedl Collection in NHMW, Wien.

Distribution: Africa (Congo/ Zaire).

Hosts: *Xylopia* sp.

References: (**ds**) Schedl 1972f: 252. (**tx**) Schedl 1966c: 238, 1972f: 252, 1978a: 12.

artestrigatus Nunberg 1958b: 23. Holotype ♀; Congo Belge: Sankuru; MRCB, Tervuren.

Figures: Nunberg 1958b: pl. 1, figs. 1–5.

Distribution: Africa (Uganda/ Zaire).

References: (**ds**) Browne 1972c: 103, 1983a: 556; Schedl 1972: 252. (**tx**) Browne 1972c: 103; Nunberg 1958b: 23; Schedl 1972f: 252.

basilewskyi Nunberg 1958b: 24. Holotype ♂; Congo Belge: Ruanda, Biumba; MRCB, Tervuren.

Distribution: Africa (Zaire).

References: (**ds**) Schedl 1972f: 252. (**tx**) Nunberg 1958b: 24; Schedl 1972f: 252.

bicallosus Schedl 1971g: 199. Holotype ♂; Guinea espanol, Mik'meseng; Instituto Espanol de Entom. Distribution: Africa (Equatorial Guinea).

References: (**tx**) Schedl 1971g: 199.

bifrons Schedl 1936b: 134. Holotype, sex?; Kamerun; Schedl Collection in NHMW, Wien.

Figures: Nunberg 1966b: pl. 2, figs. 4–11.

Distribution: Africa (Angola/ Cameroon/ Nigeria). Notes: (3) Nunberg 1958b: 26 (description quoted), 1966: 27 (described female).

References: (**ds**) Ferreira 1965: 1134; Nunberg

1966b: 20; Roberts 1968: 193; Schedl 1959p: 23, 1962k: 1035, 1972f: 252. **(tx)** Nunberg 1958b: 26, 1966b: 27, 39; Schedl 1936b: 134, 1962k: 1035, 1972f: 252, 1978a: 15

bispinus Strohmeyer 1912c: 19. Syntypes 3 ♂; Kamerun; Strohmeyer Collection.

Figures: Nunberg 1958b: pl. 1, figs. 11–17, pl. 2, figs. 1–4.

Distribution: Africa (Cameroon/ Equatorial Guinea/ Ghana/ Guinea/ Ivory Coast/ Nigeria/ Zaire).

Hosts: *Albizzia zygia*, *Celtis soyauxii*, *Xylopia villosa*.

Notes: (3) Nunberg 1968b: 374–375 (named aberration *brevispinatus*, no status).

References: **(ay)** Strohmeyer 1918: 18, 1920: 22. **(ds)** Nunberg 1968b: 374; Roberts 1968: 193; Schedl 1962h: 63, 1962k: 1001, 1964f: 620, 1965g: 22, 1966a: 276, 1971e: 3, 1971g: 195, 1972f: 252, 1979b: 417; Strohmeyer 1912c: 2, 1914c: 42; Wood, S. L. 1957e: 1272. **(tx)** Nunberg 1958b: 27, 1968b: 374–377; Sampson 1924c: 132; Schedl 1937d: 44, 1955d: 270, 1962k: 1001, 1972f: 252; Strohmeyer 1912c: 19–21, 1914c: 42, 1918: 22.

circularis Schedl 1935e: 174. Holotype ♂; Kongo (Haut-Uele: Mauda) (Schedl 1978a: 19); Schedl Collection in NHMW, Wien.

Figures: Nunberg 1966b: pl. 1, figs. 1–2.

Distribution: Africa (Uganda/ Zaire).

Hosts: *Celtis briei*, *Cynometra hankei*.

References: **(ds)** Mayne & Donis 1962: 579; Nunberg 1966b: 18; Schedl 1962h: 63, 1962k: 1030, 1972f: 252. **(tx)** Nunberg 1958b: 32, 1966b: 18; Schedl 1935e: 174, 1941d: 421, 1962k: 1030, 1972f: 252, 1978a: 19.

circularis circulariceps Schedl 1962k: 1030. Holotype ♂; Congo Belge: Yangambi; Schedl Collection in NHMW, Wien.

References: **(ds)** Schedl 1966c: 234, 1972f: 252. **(tx)** Schedl 1962k: 1030, 1972f: 252, 1978a: 20.

collaticius Schedl 1941d: 420. Holotype ♂; Ogooue [French West Africa]; Schedl Collection in NHMW, Wien.

Distribution: Africa (Gabon).

References: **(ds)** Schedl 1972f: 252. **(tx)** Nunberg 1958b: 12; Schedl 1941d: 420, 1957d: 148, 1962k: 1036, 1972f: 252, 1978a: 20.

congoanus Nunberg 1958b: 33. Holotype ♀; [Belge Congo] Maniema, bei riv. Kasa-Niemba; MRCB, Tervuren.

Distribution: Africa (Zaire).

References: **(cn)** Mayne & Donis 1951: 332. **(ec)** Mayne & Donis 1951: 332. **(ds)** Schedl 1972f: 252. **(tx)** Nunberg 1958b: 33; Schedl 1972f: 252.

costatus Nunberg 1966b: 28. Holotype ♂; Nigerien, Oban; Federal Department of Forest Research in Ibadan, Nigeria.

Figures: Nunberg 1966b: pl. 2, figs. 12–13.

Distribution: Africa (Nigeria).

References: **(ds)** Nunberg 1966b: 20; Roberts 1968: 193; Schedl 1972f: 253. **(tx)** Nunberg 1966b: 39; Schedl 1972f: 253.

defranatus Schedl 1941d: 420. Holotype ♂; Ogooue [French West Africa]; Schedl Collection in NHMW, Wien.

Distribution: Africa (Congo/ Equatorial Guinea/ Gabon/ Zaire).

Notes: (3) Nunberg 1958b: 34 (description quoted). References: **(ds)** Schedl 1966c: 234, 1971g: 195, 1972f: 253. **(tx)** Nunberg 1958b: 34; Schedl 1941d: 420, 1962k: 1034, 1972f: 253, 1978a: 24.

elongatus Nunberg 1958b: 35. Holotype ♂; Belgisch-Congo, Elisabethville; MRCB, Tervuren. Figures: Nunberg 1958b: pl. 3, figs. 5–8.

Distribution: Africa (Zaire).

References: **(ds)** Schedl 1972f: 253. **(tx)** Nunberg 1958b: 35; Schedl 1972f: 253.

excisus Strohmeyer 1912: 22. Holotype ♂; Kongo; Strohmeyer Collection.

Figures: Mayne & Donis 1962: 279, Nunberg 1958b: pl. 3, figs. 9–12, 1966b: pl. 1, figs. 6–8, 1968b: 377, Roche & Lhoste 1960: fig. c, Schedl 1962k: 1028, 1972f: 250.

Distribution: Africa (Angola/ Cameroon/ Ethiopia/ Equatorial Guinea/ Fernando Po/ Gabon/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Principe Island/ Sao Tome Island/ Sierra Leone/ Spanish Guinea/ Tanzania/ Zaire).

Hosts: Browne 1963a: 247, Schedl 1962k: 1020–1023 (lists many hosts). *Hypodaphnis* sp.

Notes: (3) Nunberg 1958b: 37 (named aberration *sulcatus*, synonymy in Schedl 1972f: 253).

References: **(ay)** Lhoste & Roche 1960; Roche & Lhoste 1960: 2056. **(cn)** Thompson, G. H. 1960.

(ec) Jover 1952: 73–81; Roche & Lhoste 1960: 2056. **(hb)** Browne 1963a: 247; Jover 1952: 73–81. **(ds)** Browne 1963a: 247; Cachan 1957: 6, 15; Cola 1971; Ferreira 1965: 1135; Gardner 1957a: 29; Jones, Roberts, & Baker 1959: 13, 23, 45, 53; Mayne & Donis 1960: 98, 1962: 279; Menier 1973a; Nunberg 1966b: 20; Roberts 1968: 193, 1969: 116; Schedl 1962h: 63, 1962k: 1018, 1964f: 620, 1965g: 22, 1966a: 276, 1966c: 234, 1971e: 3, 1971g: 195, 1972e: 285, 1972f: 253, 1972k: 296, 1975h: 352, 1979b: 417; Strohmeyer 1912c: 21, 1914c: 42; Thompson, G. H. 1960, 1963: 55; Webb & Jones 1959: 35–39. **(tx)** Mayne & Donis 1962: 279; Nunberg 1958b: 36, 1968b: 375, 377; Roche & Lhoste 1960: fig. c; Schedl 1936e: 62, 1937d: 44, 1938d: 452, 1939g: 167, 1941e: 156, 1950c: 205–206, 1950d: 12, 1950e: 213, 1951f: 40, 1953g: 245, 1954d: 875, 1954e: 60, 1955d: 270–271, 1957d: 149, 1959p: 23, 1962k: 1018–1023, 1028–1036, 1972f: 253; Strohmeyer 1912a: 22, 1912c: 21, 1914c: 42, 1920: 1–47.

gracilis Strohmeyer 1912a: 24. Holotype ♀; Kamerun; IPKE, Eberswalde.

Distribution: Africa (Cameroon/ Zaire).

Notes: (3) Nunberg 1958b: 37 (description quoted), 1966: 23 (redescribed female).

References: (ay) Strohmeier 1918: 17. (ds) Nunberg 1966b: 19; Schedl 1972f: 253; Strohmeier 1911c: 106, 1912c: 21, 1914c: 42. (tx) Nunberg 1958b: 37, 1966b: 23; Schedl 1962k: 1036, 1972f: 253; Strohmeier 1911c: 106, 1912a: 24, 1912c: 21, 1914c: 42.

grandis Schedl 1953g: 248. Syntypes, sex?; Kamerun: Umgeb. Kamerunberg, Missellele, Congo Belge: Mayidi, Moto, Stanleyville; MRCB, Tervuren and Schedl Collection in NHMW, Wien. Figures: Nunberg 1958b:pl. 3, figs. 19–20.

Distribution: Africa (Cameroon/ Equatorial Guinea/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Uganda/ Zaire).

Hosts: Schedl 1962k: 1005–1009 (numerous hosts listed).

Notes: (1) Schedl 1978a: 33 (citation of holotype invalid). (3) Nunberg 1958b: 37 (description quoted), Schedl 1972f: 254 (treated as a subspecies of *longicollis*).

References: (ds) Browne 1983a: 556; Cachan 1957: 15; Gardner 1957a: 29; Jones, Roberts, & Baker 1959: 13–53; Mayne & Donis 1960: 98, 1962: 280; Nunberg 1966b: 19; Roberts 1960b: 36, 39, 1960e, 1960f, 1968: 193; Schedl 1962h: 63, 1962k: 1005, 1964f: 620, 1967e: 222, 1971g: 196, 1972e: 286, 1972f: 620; Thompson, G. H. 1963: 55. (tx) Nunberg 1958b: 37; Powell, W. 1987: 28; Sampson 1924: 133; Schedl 1933f: 204, 1939b: 384, 1950d: 12, 1953g: 248, 1954e: 60, 86, 1962h: 63, 1962k: 1005, 1972f: 254, 1978a: 33.

inermis Strohmeier 1912a: 26. Syntypes ♂ ♀; Kinchassa, Kongo; Strohmeier Collection. Figures: Nunberg 1958b:pl. 3, figs. 14–18. Distribution: Africa (Zaire).

Hosts: *Scorodophloeus zenkeri*.

References: (ds) Nunberg 1966b: 18; Schedl 1933f: 204, 1962k: 1033, 1972f: 255; Strohmeier 1912c: 21, 1914c: 42. (tx) Nunberg 1958b: 12; Sampson 1924c: 132; Schedl 1933f: 204, 1950d: 5, 1962k: 1033, 1972f: 255; Strohmeier 1912a: 18, 26, 28, 1912c: 21, 1914c: 42.

kreczmeri Nunberg 1958b: 38. Holotype ♀; Madagascar Contr., Prov. Moromongo, Ortschaft Perinet; Poln. Inst. Poln. Ak. d. Wiss., Warszawa. Distribution: Madagascar.

Notes: (3) Browne 1972c: 104 (described male). References: (ds) Schedl 1972f: 253. (tx) Browne 1972c: 104–105; Nunberg 1958b: 38; Schedl 1972f: 253, 1977b: 273.

latescapus Nunberg 1968b: 378. Holotype ♀; Obudu Cattle Ranch, Nigeria; Federal Department of Forest Research in Ibadan, Nigeria. Figures: Nunberg 1968b: 377. Distribution: Africa (Nigeria).

References: (ds) Nunberg 1968b: 374; Roberts

1968: 193; Schedl 1972f: 253. (tx) Nunberg 1968b: 377–378; Schedl 1972f: 253.

latespinatus Nunberg 1969b: 196. Holotype ♂; Nord-Nigerien, Gyl Nyaki; BMNH, London. Distribution: Africa (Congo/ Nigeria).

References: (ds) Browne 1972c: 100; Schedl 1972f: 254. (tx) Nunberg 1969b: 196; Schedl 1972f: 254.

longicollis Chapuis 1865: 318. Syntypes ♂; Cap de Bonne-Esperance; apparently at MNHN, Paris.

Figures: Lhoste & Roche 1960:fig. 1, Nunberg 1958b:pl. 4, figs. 6–8, 1966b:pl. 1, figs. 10–14, pl. 2, fig. 3.

Distribution: Africa (Angola/ Cameroon/ Congo/ Equatorial Guinea/ Ethiopia/ Fernando Po/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Madagascar/ Mozambique/ Nigeria/ Ruanda/ Senegal/ South Africa/ Tanzania/ Zaire/ Zambia/ Zimbabwe).

Hosts: Browne 1963a: 248, Schedl 1962k: 1012–1013, 1017 (numerous hosts listed).

Notes: (3) Nunberg 1958b: 40 (description quoted). Schedl 1954e: 59, 70 (*angustus*, nomen nudum, synonymy in Schedl 1957d: 149).

References: (hb) Browne 1963a: 248. (ds) Browne 1963a: 248; Ferreira 1965: 1134; Gemminger & Harold 1872: 2701; Kolbe 1897: 283; Lacordaire 1866: 392; Menier 1973a; Schedl 1962k: 1002, 1965g: 22, 1972f: 254; Strohmeier 1912c: 21, 1914c: 42. (tx) Chapuis 1865: 318; Hopkins 1914: 126, 134; Lacordaire 1866: 392–394; Lucas 1920: 494; Nunberg 1958b: 40; Sampson 1924: 132; Schedl 1952j: 7, 1953g: 248, 1954e: 59, 1957d: 149, 1960c: 61–62, 1962k: 1002, 1972f: 254; Strohmeier 1912a: 17–18, 27, 1912c: 21, 1914c: 42. (ms) Lucas 1920: 494.

camerunus Strohmeier 1912a: 21. Syntypes, sex?; Kamerun; IPKE, Eberswalde.

Notes: (1) Schedl 1972f: 254 (a subspecies of *longicollis*). (3) Nunberg 1958b: 29 (description quoted, redescribed).

References: (ay) Lhoste & Roche 1960; Roche 1960: 2056–2058; Roche & Lhoste 1960: 385–386; Strohmeier 1918: 18. (ec) Roche & Lhoste 1960: 385–386. (hb) Beaver & Loytyniemi 1985b: 119. (ds) Beaver & Loytyniemi 1985b: 119; Browne 1962: 93, 1963: 248, 1975a: 757, 1975b: 395, 1980c: 495, 1984c: 450; Cachan 1957: 15; Gardner 1957a: 29; Mayne & Donis 1950: 332, 1960: 98, 1962: 278; Nunberg 1966b: 18–20, 1968b: 374; Roberts 1968: 193, 1969: 116; Schedl 1933f: 204, 1938d: 452, 1959p: 23, 1962h: 63, 1962k: 1009, 1123, 1964f: 620, 1966c: 236, 1967e: 222, 1971e: 3, 1971g: 196, 1972e: 286, 1972f: 254, 1972k: 296, 1977a: 273, 1982: 279; Strohmeier 1911c: 106, 1912c: 21, 1914c: 42; Thompson, G. H. 1963: 55; Wood, S. L. 1957e: 1272. (tx) Lhoste & Roche 1960:fig. 1; Nunberg 1958b: 29; Sampson 1924c: 133; Schedl 1933f: 204, 1935e: 174, 1936b: 135, 1937b: 407,

- 1937d: 44, 1941d: 423, 1941e: 156, 1950d: 5, 12, 19, 1953g: 245, 248, 1954d: 875, 1954e: 60–61, 1955d: 270–271, 1955f: 262, 1957b: 152, 1957d: 148–149, 1959p: 23, 1962h: 63, 1962k: 1009–1018, 1964f: 620, 1964k: 220–221, 1965g: 22, 1966c: 235, 1967e: 222, 1972f: 254, 1977b: 273; Strohmeier 1911c: 106, 1912a: 21–24, 27, 1912c: 21, 1914c: 42, 1918: 22.
- camerunus angustiformis* Schedl 1957d: 149. Lectotype ♂; Congo Belge: Yangambi; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 18.
- Notes: (1) The original description is of an individual variation (aberration) within a series that does not meet the criteria of a species or subspecies. Schedl 1972f: 254 (a variety of *longicollis*).
- References: (ds) Ferreira 1965: 1134; Mayne & Donis 1960: 98, 1962: 279; Roberts 1969: 116; Schedl 1954e: 59, 70, 1959p: 23, 1962h: 63, 1962k: 1014–1016, 1964f: 620, 1966c: 235, 1971g: 195, 1972e: 286, 1972f: 254. (tx) Browne 1962: 93; Schedl 1957d: 149, 1962k: 1016, 1123, 1972f: 254, 1978a: 18.
- camerunus brevestrigatus* Nunberg 1958b: 32. Holotype ♀; Belgisch Congo, Lulonga-Befale; MRCB, Tervuren. Synonymy: Schedl 1972f: 254.
- References: (ds) Schedl 1972f: 254. (tx) Nunberg 1958b: 11, 32; Schedl 1972f: 254.
- camerunus crebrestrigatus* Nunberg 1972c: 133. Holotype, sex?; Bafulngemba, Cameroon Republic; Roberts Collection. Synonymy: Schedl 1972f: 254.
- Notes: (1) This was originally named as a form, not as a species or subspecies; as such, it has no standing in nomenclature.
- References: (tx) Nunberg 1972c: 133; Schedl 1972f: 254.
- longus** Nunberg 1966b: 25. Holotype ♀; Tshuapa: Bokuma; MRCB, Tervuren.
- Figures: Nunberg 1966b: pl. 1, figs. 15–20.
- Distribution: Africa (Zaire).
- References: (ds) Nunberg 1966b: 20; Schedl 1972f: 254. (tx) Nunberg 1966b: 25, 37; Schedl 1972f: 254.
- luebensis** Nunberg 1958: 13. Holotype ♀?; Belgisch Congo: Luebo; MRCB, Tervuren.
- Figures: Nunberg 1966b: pl. 1, figs. 3–4.
- Distribution: Africa (Zaire).
- References: (ds) Nunberg 1966b: 18; Schedl 1972f: 254. (tx) Nunberg 1958a: 13, 1966b: 21, 37; Schedl 1972f: 254.
- major** Strohmeier 1912a: 20. Syntypes 1♂, 1♀; Kamerun; Strohmeier Collection.
- Figures: Nunberg 1958a: pl. 4, figs. 13–19.
- Distribution: Africa (Cameroon/ Nigeria).
- Notes: (3) Nunberg 1958a: 41 (description quoted, redescribed), Schedl 1972f: 254 (treated as a subspecies of *longicollis*).
- References: (ds) Nunberg 1958a: 41, 1966b: 20; Roberts 1968: 193; Schedl 1933f: 204, 1972f: 254; Strohmeier 1912c: 21, 1914c: 42. (tx) Sampson 1924c: 133; Schedl 1933f: 204, 1939b: 384, 1950d: 12, 1953g: 248, 1954e: 60, 86, 1962k: 1004–1005, 1972f: 254; Strohmeier 1912a: 20–21, 27, 1912c: 21, 1914c: 42.
- minutus** Nunberg 1966b: 29. Holotype ♂; Nigerien, Oban; Federal Department of Forest Research in Ibadan, Nigeria.
- Figures: Nunberg 1966b: pl. 2, figs. 14–16.
- Distribution: Africa (Nigeria).
- References: (ds) Nunberg 1966b: 20; Roberts 1968: 193; Schedl 1972f: 254. (tx) Nunberg 1966b: 29; Schedl 1972f: 254.
- mirabilis** Nunberg 1969b: 200. Syntypes, sex?; Nord-Nigerien, Gyel Nyaki; BMNH, London.
- Distribution: Africa (Cameroon/ Nigeria).
- Notes: (3) Nunberg 1972c: 134 (redescribed).
- References: (ds) Schedl 1972f: 254. (tx) Nunberg 1969b: 200, 1972c: 134; Schedl 1972f: 254.
- mkusii** Strohmeier 1912a: 21. Syntypes ♂ ♀; Deutsch Ostafrika (Mkulusumi-Berg), Nguelo; IPKE, Eberswalde.
- Figures: Nunberg 1958a: pl. 4, figs. 1–8.
- Distribution: Africa (Cameroon/ Kenya/ Tanzania/ Zaire), Madagascar.
- Hosts: *Albizzia zygia*, *Pansinstalia* sp.
- Notes: (3) Nunberg 1958a: 43 (description quoted, redescribed), Schedl 1972f: 254 (treated as a subspecies of *longicollis*).
- References: (hb) Strohmeier 1911a: 182. (ds) Beaver & Loytyniemi 1985b: 120; Nunberg 1958a: 43, 1966b: 19, 1968b: 374; Roberts 1968: 193; Schedl 1933f: 204, 1938d: 452, 1962k: 1004, 1966c: 234, 1972f: 254, 1977b: 275; Strohmeier 1911a: 182, 1912c: 21, 1914c: 42. (tx) Schedl 1933f: 204, 1937d: 44, 1962k: 1004–1005, 1966c: 234, 1972f: 254, 1977b: 275; Strohmeier 1911: 182, 1912a: 21, 27, 1912c: 21, 1914c: 42.
- nigriensis** Nunberg 1966b: 30. Holotype, sex?; Nigeria, Ore FR; Federal Department of Forest Research, Ibadan, Nigeria.
- Figures: Nunberg 1966b: 39.
- Distribution: Africa (Nigeria).
- Hosts: *Corynanthe pachyceras*.
- References: (ds) Nunberg 1966b: 21; Schedl 1972f: 254. (tx) Nunberg 1966b: 30, 39; Schedl 1972f: 254.
- nitidicollis** Strohmeier 1912a: 23. Syntypes, sex?; Kamerun, Deutsch Ostafrika; IPKE, Eberswalde.
- Figures: Nunberg 1958a: pl. 4, figs. 1–15.
- Distribution: Africa (Angola/ Cameroon/ Congo/ Ghana/ Ivory Coast/ Nigeria/ Tanzania/ Zaire).
- Hosts: *Chlorophora excelsa*, *Enantia clorantha*, *Oxy stigma msoo*.
- Notes: (3) Nunberg 1958a: 44 (description

- quoted, redescribed). Schedl 1972f: 253 (a subspecies of *excisus*).
- References: **(hb)** Strohmeyer 1911a: 182. **(ds)** Ferreira 1965: 1135; Nunberg 1952: 22, 1958a: 44, 1965b: 22, 1966b: 19, 1968b: 374; Roberts 1968: 193; Schedl 1933f: 205, 1959p: 23, 1962k: 1024, 1972e: 285, 1972h: 253; Strohmeyer 1911a: 182, 1912c: 21, 1914c: 42. **(tx)** Nunberg 1952: 22; Schedl 1933f: 205, 1941e: 157, 1950d: 5, 1953g: 245, 1954d: 875, 1954e: 87, 1962k: 1024, 1972f: 253; Strohmeyer 1912a: 23–24, 1912c: 21, 1914c: 42.
- penicillatus** Schedl 1965f: 14. Holotype ♀; Uganda, Mganga; BMNH, London.
Distribution: Africa (Uganda).
References: **(ds)** Schedl 1972f: 255. **(tx)** Schedl 1965f: 14, 1972f: 255, 1978a: 52.
- piceus** Strohmeyer 1912a: 24. Holotype ♂; Kamerun; IPKE, Eberswalde.
Figures: Nunberg 1958b: pl. 5, figs. 14–16.
Distribution: Africa (Cameroon/ Congo/ Ivory Coast/ Nigeria/ Sierra Leone/ Zaire).
References: **(ds)** Browne 1965a: 205, 1972c: 100; Nunberg 1952: 22, 1965b: 22, 1966b: 21; Roberts 1968: 193; Schedl 1972f: 253; Strohmeyer 1912c: 21, 1914c: 42. **(tx)** Nunberg 1952: 22, 1958b: 46, 1964: 22; Sampson 1924c: 132; Schedl 1962k: 1026, 1972f: 253; Strohmeyer 1912a: 24–27, 1912c: 21, 1914c: 42.
- pseudocamerunus** Nunberg 1958b: 47. Syntypes 2 ♀; Kasenya [Congo], N. Rhodesia; 1 in MRCB, Tervuren, 1 in IZW, Warsaw.
Distribution: Africa (South Africa/ Zaire/ Zambia/ Zimbabwe).
References: **(ds)** Beaver & Loytyniemi 1985b: 120; Nunberg 1966b: 19; Schedl 1972f: 255. **(tx)** Nunberg 1958b: 47; Schedl 1972f: 255.
- pseudogracilis** Nunberg 1969b: 198. Holotype ♀; Nord-Nigerien, Gyl Nyaki; BMNH, London.
Distribution: Africa (Nigeria).
References: **(ds)** Schedl 1972f: 255. **(tx)** Nunberg 1969b: 198; Schedl 1972f: 255.
- pseudomajor** Schedl 1954e: 86. Lectotype ♂; Mpraeso [Gold Coast]; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 58.
Figures: Nunberg 1966b: pl. 2, figs. 18–21.
Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Nigeria).
Hosts: *Ficus exasperata*, *Sterculia oblonga*.
Notes: (3) Nunberg 1958b: 48 (description quoted), 1966b: 33 (described female), Schedl 1972f: 254 (a subspecies of *longicollis*).
References: **(ds)** Nunberg 1966b: 21; Roberts 1968: 193; Schedl 1962k: 1003, 1972e: 286, 1972f: 254; Thompson, G. H. 1963: 55. **(tx)** Browne 1970: 577; Nunberg 1958b: 48, 1966b: 21, 33–34, 39; Schedl 1954e: 60–63, 86, 1962k: 1003, 1972e: 277–294, 1972f: 254, 1978a: 58.
- pseudoseverini** Nunberg 1958b: 15. Holotype ♂; [Congo] Sankuru; Lodja; MRCB, Tervuren.
Figures: Nunberg 1958b: pl. 6, figs. 1–8.
Distribution: Africa (Zaire).
References: **(ds)** Schedl 1972f: 255. **(tx)** Nunberg 1958b: 15; Schedl 1972f: 255.
- quinquespinatus** Nunberg 1958b: 48. Holotype ♂; Congo Belge (Katanga: Lufudizi); MRCB, Tervuren.
Figures: Nunberg 1958b: pl. 6, figs. 9–14.
Distribution: Africa (Zaire).
References: **(ds)** Schedl 1972f: 255. **(tx)** Nunberg 1958b: 48; Schedl 1972f: 255.
- robertsi** Nunberg 1972c: 134. Holotype ♂; Nigeria: Nindam Forest Reserve; Roberts Collection.
Distribution: Africa (Nigeria).
References: **(tx)** Nunberg 1972c: 134.
- severini** Strohmeyer 1912a: 25. Syntypes, sex?; Kinchassa, Kongo; IPKE, Eberswalde.
Figures: Nunberg 1958b: pl. 6, figs. 15–22.
Distribution: Africa (Zaire).
Notes: (3) Nunberg 1958b: 18 (description quoted, redescribed), Nunberg 1959b: 127 (reported also as a fossil).
References: **(ds)** Nunberg 1959b: 127, 1966b: 18; Schedl 1933f: 204, 1962k: 1032, 1966c: 235, 1972: 255; Spahr 1981: 79; Strohmeyer 1912c: 21, 1914c: 42. **(tx)** Nunberg 1958b: 18, 1959b: 127; Sampson 1924c: 132; Schedl 1933f: 204, 1941d: 422, 1962k: 1032, 1972f: 255; Strohmeyer 1912a: 25–28, 1912c: 21, 1914c: 42.
- signatus** Strohmeyer 1912a: 25. Syntypes ♂ ♀; Kamerun; IPKE, Eberswalde.
Figures: Nunberg 1958b: pl. 7, figs. 1–5.
Distribution: Africa (Cameroon/ Zaire).
Notes: (3) Nunberg 1958b: 50 (description quoted, redescribed).
References: **(ds)** Nunberg 1966b: 19; Schedl 1972f: 255; Strohmeyer 1912c: 21, 1914c: 42. **(tx)** Nunberg 1958b: 48–50; Schedl 1962k: 1035, 1972f: 255; Strohmeyer 1912a: 25, 27, 1912c: 21, 1914c: 42.
- similis** Strohmeyer 1912a: 22. Syntypes ♂ ♀; Kamerun; 3♂ in Strohmeyer Collection.
Figures: Nunberg 1958b: pl. 7, figs. 6–8, 1966b: pl. 1, figs. 9, 11–13.
Distribution: Africa (Cameroon/ Ghana/ Zaire).
Hosts: *Bolboceranius bicolor*, *Isoloma bruneclii*, *Scorodophloeus zenkeri*.
Notes: (3) Nunberg 1958b: 51 (description quoted), 1966: 24 (described female), Schedl 1972f: 253 (a subspecies of *excisus*).
References: **(ds)** Browne 1980b: 382; Nunberg 1966b: 19; Schedl 1962k: 1029, 1966c: 234, 1972e: 286, 1972f: 253; Strohmeyer 1912c: 21, 1914c: 42. **(tx)** Nunberg 1958b: 51, 1966b: 19, 24–25, 37; Schedl 1935e: 174, 1962k: 1029, 1972f: 253; Strohmeyer 1912a: 22–27, 1912c: 21, 1914c: 42.

subcircularis Schedl 1941d: 421. Syntypes 2♂, 1♀; Congo Belge: Stanleyville; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

Notes: (3) Nunberg 1958b: 20 (description quoted).

References: (ds) Schedl 1962k: 1031, 1972f: 255.

(tx) Nunberg 1958b: 20; Schedl 1941d: 421, 1962k: 1031, 1966c: 239, 1972f: 255, 1978a: 70.

subrobustus Schedl 1957d: 149. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.

Figures: Nunberg 1958b: pl. 7, figs. 17–20.

Distribution: Africa (Ghana/ Nigeria/ Uganda/ Zaire).

Hosts: *Afrostryax lepidophyllus*, *Anonidium mannii*, *Beilschmiedia gilbertii*, *Macaranga* cf. *lancifolia*, *Maesopsis eminii*, *Mitragyne* sp., *Scorodophloeus zenkeri*.

Notes: (3) Schedl 1972f: 253 (treated as a subspecies of *excisus*).

References: (ds) Mayne & Donis 1960: 98, 1962: 280; Schedl 1962k: 1027, 1972e: 286, 1972f: 253.

(tx) Nunberg 1958b: 51; Schedl 1957d: 149, 1962k: 1027, 1972f: 253, 1978a: 71.

substriatus Strohmeier 1912a: 23. Syntypes ♂ ♀; Kamerun; IPKE, Eberswalde.

Figures: Nunberg 1958b: pl. 7, figs. 9–16.

Distribution: Africa (Cameroon/ Fernando Po/ Ghana/ Nigeria/ Togo/ Zaire).

Hosts: *Albizzia zygia*, *Drypetes gossweileri*, *Napoleana imperialis*, *Pancovia harmsiana*, *P. laurentii*, *Polyalthia suaveolens*, *Synsepalum subcordatum*, *Terminalia ivorensis*, *Xylopia aethiopica*.

Notes: (3) Nunberg 1958b: 52 (description quoted), Schedl 1972f: 253 (a subspecies of *excisus*).

References: (hb) Thompson, G. H. 1963: 55. (ds) Mayne & Donis 1960: 98, 1962: 280; Nunberg 1966b: 21, 1968b: 374; Roberts 1968: 374; Schedl 1933f: 205, 1972e: 286, 1972f: 253; Strohmeier 1912c: 21, 1914c: 42; Thompson, G. H. 1963: 55.

(tx) Nunberg 1958b: 52; Schedl 1933f: 205, 1937d: 44, 1954e: 48, 60, 65, 71, 1962k: 1026, 1972f: 253; Strohmeier 1912a: 20, 23, 27, 1912c: 21, 1914c: 42.

suturalis Browne 1972c: 101. Holotype ♂; Central African Republic: Bambari; MRCB, Tervuren.

Figures: Browne 1972c: 102.

Distribution: Africa (Central African Republic).

References: (tx) Browne 1972c: 101–102.

titschaki Schedl 1935e: 154. Lectotype ♂; Deutsch E. Africa: Amani; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 74.

Figures: Nunberg 1958b: pl. 7, fig. 24.

Distribution: Africa (Tanzania).

Notes: (3) Nunberg 1958b: 52 (description quoted), Schedl 1957d: 147 (described female).

References: (ds) Schedl 1962k: 1034, 1972f: 255.

(tx) Nunberg 1958b: 52, 1966b: 25; Schedl 1935e:

154, 1937d: 44, 1939b: 390, 403, 1957d: 147–148, 1962k: 1034, 1972f: 255, 1978a: 74.

triquetrus Schedl 1941d: 423. Holotype ♂; Congo Belge: Likimi, Bondia, Monveda; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

Notes: (3) Nunberg 1958b: 53 (description quoted), Schedl 1972f: 253 (a subspecies of *excisus*).

References: (ds) Schedl 1972f: 253. (tx) Nunberg 1958b: 53; Schedl 1941d: 423, 1972f: 253, 1978a: 75.

truncatellus Schedl 1957d: 148. Holotype ♂; Congo Belge: Kinchassa; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

References: (ds) Schedl 1972f: 255. (tx) Schedl 1957d: 148, 1962k: 1036, 1972f: 255, 1978a: 75.

truncatiformis Schedl 1941d: 422. Holotype ♂; Congo; Schedl Collection in NHMW, Wien.

Distribution: Africa (Senegal/ Zaire).

Notes: (3) Nunberg 1958b: 20 (description quoted). A note in the Schedl Collection says this is a synonym of *collaticus* [confirmation needed].

References: (ds) Schedl 1972f: 255. (tx) Nunberg 1958b: 20; Schedl 1941d: 422, 1950d: 5, 1962k: 1032, 1972f: 255, 1978a: 75.

planifrons Schedl 1941d: 423. Holotype ♀; Casamance [Senegal]; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972f: 255.

Notes: (3) Nunberg 1958b: 15 (description quoted).

References: (tx) Nunberg 1958b: 15; Schedl 1941d: 422–423, 1972f: 255, 1978a: 55.

truncatipennis Schedl 1966c: 239. Holotype ♂; Republique du Congo, Dimonika; MNHN, Paris.

Distribution: Africa (Congo/ Zaire).

References: (ds) Schedl 1972f: 255. (tx) Schedl 1966c: 239, 1972f: 255.

truncatus Schedl 1936b: 135. Lectotype ♂; Belgisch Kongo, Likimi; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 76.

Figures: Nunberg 1958b: pl. 7, figs. 21–23.

Distribution: Africa (Equatorial Guinea/ Zaire).

Notes: (3) Nunberg 1958b: 21 (description quoted).

References: (ds) Schedl 1962k: 1031, 1971f: 196, 1972f: 255. (tx) Nunberg 1958b: 21; Schedl 1936b: 135–136, 1950d: 5, 1962k: 1031, 1037, 1972f: 255, 1978a: 76.

Genus *Chaetastus* Nunberg

CHAETASTUS NUNBERG 1953: 44. Type-species: *Symmerus tuberculatus* Chapuis, automatic.

Symmerus Chapuis 1865: 42, 319. Type-species: *Symmerus tuberculatus* Chapuis, monobasic, preoccupied by Walker 1848.

References: (tx) Browne 1972a: 179; Chapuis 1865: 319–321; Hopkins 1914: 136, 1915c: 227; Lacordaire 1866: 389, 395; Nunberg 1953: 44; Sampson 1924: 133; Schedl 1933f:

203, 1936e: 62, 1937d: 44, 1939b: 390–401, 1956d: 145; Strohmeier 1911d: 218, 1912c: 21, 1914: 12–44, 1920: 1–46.

Keys: Browne 1971: 11.

References: (**hb**) Browne 1971c: 8. (**ds**) Browne 1971c: 8. (**tx**) Browne 1971c: 8, 1972a: 179; Nunberg 1953: 44; Schedl 1960c: 62, 1962k: 1039.

diversifrons Browne 1971b: 19. Holotype ♂; Uganda: Ruwenzori Forest: BMNH, London.

Figures: Browne 1971b: 13.

Distribution: Africa (Uganda).

Hosts: *Mitragyna stipulosa*, *Olea hochstetteri*, *Pygeum africanum*.

References: (**ds**) Schedl 1972f: 127. (**tx**) Browne 1971b: 13–19; Schedl 1972f: 127.

fradei (Tordo) 1966: 16 (*Symmerus*). Syntypes?; Silva Porto, Angola; not seen.

Figures: Tordo 1966: 16.

Distribution: Africa (Angola).

References: (**tx**) Tordo 1966: 16.

montanus Schedl 1957d: 145. Holotype ♂; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.

Distribution: Africa (Brundi/ Kenya/ Nigeria/ Ruanda/ Tanzania/ Uganda/ Zaire).

Hosts: Browne 1971: 17 and Schedl 1962k: 1051–1052 (many hosts listed).

Notes: (3) Browne 1971c: 16 (redescribed).

References: (**bv**) Jones 1960c: 231. (**cn**) Curry 1958b: 128–132. (**ds**) Browne 1971c: 16; Gardner 1957a: 30, 1957b: 204; Jones 1960: 3; Mayne & Donis 1962: 288; Roberts 1960: 241, 1962: 1050, 1968: 193; Schedl 1962k: 1050, 1972f: 128. (**tx**) Browne 1971c: 16; Powell, W. 1987: 27; Schedl 1955f: 261, 1955i: 213–214, 1957d: 145–146, 1962h, 1962k: 1050, 1972f: 128, 1978a: 45.

persimilis (Schedl) 1933f: 203 (*Symmerus*). Lectotype ♂; Haut-Uele; Adra, Congo-Kinshasa; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 54.

Figures: Schedl 1962k: 1048 (male).

Distribution: Africa (Cameroon/ Congo/ Fernando Po Island/ Gabon/ Nigeria/ Ruanda/ Sao Tome Island/ Zaire).

Hosts: *Combretodendrum macrophyllum*, *Diospyros crassiflora*, *Garcinia polyantha*, *Pycnanthus angolensis*, *P. kombo*, *Staudtia stipitata*, *Strombosia glaucescens*, *Tridesmostemon classensii*.

References: (**ec**) Schedl 1962k: 1048. (**ds**) Browne 1971c: 15, 1980b: 382; Mayne & Donis 1962: 288; Roberts 1968: 193, 1969: 103; Schedl 1933f: 203, 1962k: 1123, 1972f: 128. (**tx**) Browne 1971c: 15; Schedl 1933f: 203–204, 1936e: 62, 1952i: 60–62, 1955f: 261, 1957d: 146, 1962h: 60–61, 1962k: 1048, 1972f: 128, 1978a: 54.

striatus Browne 1986b: 334. Holotype ♂; Cameroon: Douala to Nagoya (Japan), imported; BMNH, London.

Distribution: Africa (Cameroon).

Hosts: *Paraberlina bifoliolata* log.

References: (**tx**) Browne 1986b: 334.

subalpinus (Schedl) 1957d: 146 (*Symmerus*). Holotype ♂; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Anthocleista nobilis*.

Notes: (3) Browne 1971: 18 (redescribed).

References: (**ec**) Schedl 1962k: 1050. (**ds**) Browne 1971c: 18. (**tx**) Browne 1971c: 18; Schedl 1957d: 145–146, 1962k: 1050, 1972f: 128, 1978a: 69.

tuberculatus (Chapuis) 1865: 321 (*Symmerus*). Holotype ♂ (Schedl 1960: 62); Guinee, Coll. de M. Thomson; IRSNB, Brussels.

Figures: Browne 1971c: 9, Schedl 1962k: 1040 (male).

Distribution: Africa (Angola/ Cameroon/ Central African Republic/ Congo/ Equatorial Guinea/ Fernando Po Island/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Sao Tome Island/ Sierra Leone/ Tanzania/ Togo/ Uganda/ Zaire/ Zambia).

Hosts: Browne 1971c: 14 and Schedl 1962k: 1043–1046 (many hosts listed).

References: (**bv**) Jones 1960c: 231; Loytyniemi, Beaver, & Loytyniemi 1985: 28; Meixner 1937: 1218. (**cn**) Duffy 1956: 198; Thompson, G. H. 1959b: 420. (**ec**) Roberts 1969a; Schedl 1962k: 1040. (**hb**) Anonymous 1959i: 18; Beaver & Loytyniemi 1985b: 114; Browne 1963a: 248; Loytyniemi, Beaver, & Loytyniemi 1985: 28; Schedl 1962k: 1040. (**ds**) Beaver & Loytyniemi 1985b: 114; Browne 1963a: 248, 1971c: 12, 1972c: 99, 1980a: 373, 1980c: 485; Cachan 1957: 15; Cola 1971, 1973; Ferreira 1965: 1135; Gardner 1957a: 30, 1957b: 205; Gemminger & Harold 1872: 2702; Jones 1960: 3; Jones, Roberts, & Baker 1959: 13–55; Lacordaire 1866: 395; Mayne & Donis 1960: 100, 1962: 289; Menier 1973a; Roberts 1960b: 35–37, 1960e, 1960f, 1968: 193, 1969: 103–104; Schedl 1933f: 203, 1959p: 23, 1962h: 61, 1962k: 1040, 1964f: 620, 1966c: 235, 1967e: 222, 1971e: 4, 1971g: 194, 1972e: 286, 1972f: 129; Strohmeier 1911f: 204, 1912c: 21; Thompson, G. H. 1959b: 420, 1963: 35; Webb & Jones 1957: 36, 41. (**tx**) Browne 1971c: 12, 19, 1972a: 179; Chapuis 1865: 321–322; Hopkins 1914: 130, 136; Lacordaire 1866: 395; Lucas 1920: 621; Meixner 1937: 1218; Powell, W. 1987: 27; Sampson 1924c: 133; Schedl 1933f: 203–204, 1936e: 62, 1937b: 407, 1937d: 44, 1939b: 391, 1941d: 381, 1941e: 156, 1950d: 5, 1953g: 245, 1954d: 874, 1954e: 48, 60–71, 1955d: 271, 1955f: 261, 1960c: 62, 1962k: 1040, 1972f: 129; Strohmeier 1911f: 203–204, 1911g: 232, 1912c: 21, 1914: 5, 7, 44, 1920: 16. (**ms**) Lucas 1920: 621.

tuberculatus robustus Schedl 1952i: 62 (*Symmerus*). Holotype ♂; Congo Belge, Yangambi; MRCB, Tervuren. Synonymy: Browne 1971c: 12.

References: (**ds**) Mayne & Donis 1960: 100,

1962: 290; Schedl 1962k: 1047, 1972f: 129. (tx) Browne 1971c: 12; Schedl 1952i: 62, 1962k: 1047, 1972f: 129, 1978a: 76.

Genus *Cenocephalus* Chapuis

CENOCEPHALUS CHAPUIS 1865: 325. Type-species: *Cenocephalus thoracicus* Chapuis, monobasic.

Notes: (1) This genus is endemic to tropical America.

References: (tx) Chapuis 1865: 325, 327; Nunberg 1963c: 109; Schedl 1939b: 401, 1960c: 62; Strohmeyer 1911c: 105, 107.

***epistomalis* Wood** 1966a: 47. Holotype ♀; Mile 10 on Bartica-Potaro road, British Guiana; BMNH, London.

Figures: Wood 1966a: 47.

Distribution: South America (Guyana).

References: (ds) Equihua & Atkinson 1987: 18; Schedl 1972f: 130. (tx) Equihua & Atkinson 1987: 18; Schedl 1972f: 130; Wood, S. L. 1966a: 47.

***flexibilis* (Schedl)** 1936c: 249 (*Tesserocranulus*). Holotype ♀; Brazil or Guayana; Schedl Collection in NHMW, Wien.

Distribution: South America (Cayenne/ Suriname).

References: (ds) Blackwelder 1947: 791; Schedl 1972f: 123. (tx) Reichardt 1964: 149; Schedl 1936c: 249, 1972f: 123.

° ***hurdi* Schedl** 1962g: 1037. Holotype ♂; Mexican amber, Miocene, Simojovel, U.C.M.P. no. 12976, loc. B-7456 (late Oligocene or early Miocene); University of California Museum of Paleontology, Berkeley.

Figures: Schedl 1962g: 1036.

Distribution: North America (fossil in Mexican amber).

References: (cn) Hosking 1989. (ds) Keilbach 1982: 256; Schedl 1972f: 130; Spahr 1981: 79. (tx) Schedl 1962g: 1036–1037, 1972f: 130. (ms) Keilbach 1982: 256.

***lalolaensis* Nunberg** 1963c: 107. Holotype ♀; Finca La Lola, Limon Prov., Costa Rica; University of Wisconsin Collection, Madison.

Distribution: North America (Costa Rica), South America (Brazil).

Notes: (1) This female remains unidentifiable at the present time.

References: (ds) Equihua & Atkinson 1987: 791; Schedl 1970e: 88. (tx) Nunberg 1963c: 107; Schedl 1972f: 79.

***ornatus* (Schedl)** 1936c: 250 (*Tesserocranulus*). Holotype ♀; Brazil; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil/ Cayenne).

References: (ds) Blackwelder 1947: 791. (tx) Schedl 1936c: 250, 1972f: 123, 1978a: 50.

***pulchellus* Schedl** 1935e: 152. Holotype ♀; Guyana; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil/ Guyana/ Suriname).

References: (ds) Blackwelder 1947: 791. (tx) Schedl 1935e: 152, 1972f: 130, 1978a: 59; Wood, S. L. 1966a: 47.

***pulchellus minor* Schedl** 1961i: 233. Holotype ♀; Surinam, Moengo, Boven, Cottica R.; Cornell University Collection, Ithaca, New York.

Notes: (3) Schedl 1970e: 110, 1972g: 83–84 (described male; listed as a species).

References: (ds) Schedl 1960a: 79, 1970e: 88, 1970f: 582, 1972f: 130, 1972g: 51. (tx) Schedl 1961i: 233, 1970e: 110, 1972f: 130, 1972g: 83–84, 1978a: 59.

***pusillus* Schedl** 1936c: 250. Lectotype ♂; French Guyana: Nouveau Chantier, St. Jean du Maroni; Schedl Collection in NHMW, Wien.

Distribution: South America (Cayenne).

References: (ds) Blackwelder 1947: 791; Schedl 1972f: 130. (tx) Schedl 1935b: 400, 1936c: 250, 1952d: 365, 1972f: 130, 1978a: 59.

° ***quadrilobus* Schedl** 1962g: 1037. Holotype ♂; Mexican amber, late Oligocene to Miocene, Simojovel, Chiapas, U.C.M.P. no. 12877, loc. B-4117; University of California Museum of Paleontology, Berkeley.

Distribution: North America (fossil in Mexican amber).

References: (ds) Keilbach 1982: 256. (tx) Schedl 1962g: 1035–1037, 1972f: 130. (ms) Keilbach 1982: 256.

° ***rhinoceroide* (Schawaller)** 1981: 10 (*Mitosoma*). Holotype, sex?; Dominikanischem Bernstein (SMNS Inv. Nr. Do. 119–k-1); Staatlichen Museum fur Naturkunde, Stuttgart.

Figures: Schawaller 1981: 11 (adult).

Distribution: Antilles Islands (fossil in Dominican Republic amber in Hispanola).

Notes: (3) Three species of *Cenocephalus* have been found in Dominican amber; all three appear to be the three named previously by Schedl from Mexican amber; consequently, the Schawaller type should be re-examined; synonymy is probable [SLW].

References: (ds) Spahr 1981: 79. (tx) Schawaller 1981: 10.

***robustus* Schedl** 1966f: 128. Holotype ♂; Colombian; Schedl Collection in NHMW, Wien.

Distribution: South America (Colombia).

References: (ds) Schedl 1966f: 79, 128, 1972f: 130.

***robustum* Schedl** 1972f: 130. Holotype ♂; Colombian; Schedl Collection in NHMW, Wien.

Notes: (1) This is an unneeded replacement name for *robustus*.

References: (tx) Schedl 1972f: 130.

***rugicollis* Schedl** 1952d: 365. Holotype ♂; Peru; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil/ Peru).

Notes: *Eugenia* sp.

References: (ds) Schedl 1970e: 88, 1972f: 130.

(**tx**) Reichardt 1964b: 89; Schedl 1952d: 365–366, 1972f: 130, 1978a: 63.

- ° **succinica** Schedl 1962g: 1036. Holotype ♀; Mexican amber, late Oligocene to early Miocene, 12 km SE Sinojovel (U.C.M.P. no. 12718 loc. B-4116, Las Cruces landslide); University of California Museum of Paleontology, Berkeley. Figures: Schedl 1962g: 1036. Distribution: North America (fossil in Mexican amber). References: (**ds**) Keilbach 1982: 256; Spahr 1981: 79. (**tx**) Schedl 1962g: 1036, 1972f: 130. (**ms**) Keilbach 1982: 256.

- thoracicus** Chapuis 1865: 327. Syntypes; Bresil: Rio-Janeiro, Ste-Catherine; BMNH, London. Distribution: South America (Brazil). References: (**ds**) Blackwelder 1947: 791; Gemminger & Harold 1872: 2702; Lacordaire 1866: 397; Santoro 1957b: 26; Schedl 1933c: 163–164, 1967d: 5; Strohmeier 1912c: 22, 1914c: 45. (**tx**) Chapuis 1865: 327–329; Hopkins 1914: 117; Lacordaire 1866: 397; Schedl 1935e: 152, 1937d: 44, 1972f: 130; Strohmeier 1912c: 22, 1914c: 45.

Genus *Mitosoma* Chapuis

- MITOSOMA** CHAPUIS 1865: 43, 322. Type-species: *Mitosoma crenulata* Chapuis, monobasic.
Platypicerus Nunberg 1953: 46. Type-species: *Platypicerus hamatus* Nunberg, monobasic. Synonymy: Schedl 1972f: 124. References: (**tx**) Nunberg 1953: 44, 1963d: 357; Schedl 1957b: 159, 1972f: 124.
Coccephalonus Schedl 1965c: 84. Type-species: *Coccephalonus sulcipennis* Schedl, original designation. Synonymy: Schedl 1972f: 124. References: (**tx**) Schedl 1965c: 84, 1972f: 124. Notes: (3) This genus is endemic to Madagascar. References: (**tx**) Chapuis 1865: 324; Hopkins 1914: 125, 133, 1915c: 227; Lacordaire 1866: 395; Nunberg 1953: 44–46; Schaufuss 1897: 223, 1905: 19; Schedl 1935n: 633, 1936e: 62, 1939b: 401, 1960c: 62, 1961e: 160, 1962k: 1038, 1972f: 124–130, 1977b: 256–267; Strohmeier 1911c: 104, 1911d: 218, 1912c: 22, 1914c: 13–19, 44–46, 1918: 1–46.

- accuratum** Schaufuss 1897: 224. Holotype ♂; Madagascar (Sikora num. 91); Hamburg Museum, lost. Distribution: Madagascar. Hosts: *Chrysophyllum boivinianum*. Notes: (3) Schedl 1965c: 79 (described female). References: (**ds**) Alluaud 1900: 441; Schedl 1972f: 127, 1977b: 258; Strohmeier 1912c: 22. (**tx**) Schaufuss 1897a: 223–224; Schedl 1936e: 62, 1961e: 162, 1965c: 79, 1972f: 127, 1977b: 257–258, 1978a: 9; Strohmeier 1912c: 22, 1914c: 46, 1918: 16, 21.

- ampliatum** Schedl 1965c: 80. Holotype ♂; Madagascar: Sambava; Schedl Collection in NHMW, Wien. Distribution: Madagascar. References: (**ds**) Schedl 1972f: 127. (**tx**) Schedl 1972f: 127, 1965c: 80, 1978a: 10.

- chapuisi** Strohmeier 1911g: 233. Syntypes ♂ ♀; Madagascar; IRSNB, Brussels, NHR, Stockholm, IPKE, Eberswalde. Distribution: Madagascar. References: (**ec**) Fuller 1958: 100. (**ds**) Schedl 1972f: 127; Strohmeier 1912c: 22, 1914c: 46. (**tx**) Schedl 1972f: 127; Strohmeier 1911c: 104–105, 1911g: 233, 1912c: 22, 1914c: 46.

- crenulatum** Chapuis 1865: 324. Syntypes 2 ♂; Madagascar; MNHN, Paris. Distribution: Madagascar. Hosts: *Canarium boivin*, *Ficus soroceoides* var. *macrophlebia*. Notes: (3) Schedl 1961e: 158 (described female). References: (**ay**) Menier 1976: 348. (**bv**) Menier 1976: 348. (**hb**) Schedl 1977b: 258. (**ds**) Alluaud 1900: 441; Fairmaire 1892b; Gemminger & Harold 1872: 2702; Lacordaire 1866: 396; Schedl 1970d: 234, 1972f: 127, 1977b: 258; Strohmeier 1912c: 22, 1914c: 46. (**tx**) Chapuis 1865: 324; Fairmaire 1892b; Hopkins 1914: 125, 133; Lacordaire 1866: 396; Lucas 1920: 421; Schaufuss 1890: 38, 1897a: 224; Schedl 1960c: 62, 1961e: 158, 1970d: 234, 1972f: 124, 127, 1977b: 258, 1978a: 22; Strohmeier 1912c: 22, 1914c: 46. (**ms**) Lucas 1920: 421.

- dispar** Schedl 1961e: 160. Madagascar, Montagne d'Ambre; IRSM, Madagascar. Distribution: Madagascar. Hosts: *Ficus soroceoides* var. *macrophlebia*. References: (**ds**) Schedl 1972f: 127, 1977b: 260. (**tx**) Schedl 1961e: 160, 1972f: 127, 1977b: 260, 1978a: 25.

- excisum** Schaufuss 1897a: 224. Holotype ♂; Madagascar, Antananarive (Schedl 1977b: 260); Hamburg Museum, lost. Distribution: Madagascar. Hosts: *Aphloia theaeformis*, *Chrysophyllum boivinianum*, *Dracaena* sp., *Elaeocarpus* sp., *Ficus soroceoides* var. *macrophlebia*, *Macphersonia* cf. *madagascarensis*, *Ocotea* sp., *Pinus insularis*, *P. patula*, *Pittosporum* sp., *Terminalia* sp., *Tricocodendron acuminatum*. Notes: (3) Schedl 1961e: 162 (described female). References: (**ds**) Alluaud 1900: 441; Schedl 1970d: 234, 1972f: 128, 1977b: 260; Strohmeier 1912c: 22, 1914c: 46. (**tx**) Schaufuss 1897a: 223–224; Schedl 1961e: 162, 165, 1970d: 234, 1972f: 128, 1977b: 260, 1978a: 29; Strohmeier 1912c: 22, 1914c: 46.

- hamatus** (Nunberg) 1953: 49 (*Platypicerus*). Holotype ♀; Central Madagascar, district Moramanga, Perinet; IZW, Warsaw.

- Distribution: Madagascar.
Notes: (3) Schedl 1971e: 17 (described female).
References: (ds) Schedl 1972f: 128. (tx) Nunberg 1953: 49–51, 1963d: 357; Schedl 1952b: 159, 1957b: 159, 1971e: 17, 1972f: 128, 1978a: 34.
- lobatum** Schedl 1961e: 163. Holotype ♂; Madagascar. Perinet; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Cedrela* sp., *Dalbergia pterocarpifolia*, *Foetidia chusoides*, *Garcinia verrucosa*, *Leptolaena multiflora* var. *cuspidata*, *Symphonia* sp.
References: (ds) Schedl 1970d: 235, 1972f: 128, 1977b: 261. (tx) Schedl 1961e: 163, 1970d: 235, 1972f: 128, 1977b: 261, 1978a: 41.
- mirabile** Nunberg 1967a: 332. Holotype ♀; Madagascar (foret de Fito); MRCB, Tervuren.
Figures: Nunberg 1967a: 339.
Distribution: Madagascar.
References: (tx) Nunberg 1967a: 332, 339.
- nigrum** Schaufuss 1893: 621. Holotype ♂; Madagascar; Hamburg Museum, lost.
Distribution: Madagascar.
References: (ds) Alluaud 1900: 441; Fairmaire 1892b; Schedl 1972f: 128, 1977b: 262; Strohmeier 1912c: 22, 1914c: 46. (tx) Fairmaire 1892b; Schaufuss 1890: 621, 1897a: 223, 1905: 19; Schedl 1972f: 128, 1977b: 262; Strohmeier 1912c: 22, 1914c: 46.
- obconiceps** Schedl 1970d: 238. Holotype ♂; Madagascar, Perinet; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
Hosts: *Cedrela* sp., *Commiphora* sp., *Dalbergia* sp., *Erythroxylon* sp., *Pinus insularis*, *Ravensara* sp., *Rhodobaena bakeriana*.
References: (ds) Schedl 1970d: 235, 1972f: 128, 1977b: 263. (tx) Schedl 1965c: 83, 1970d: 235, 238, 1972f: 128, 1977b: 263, 1978b: 48.
- obliquatum** Schedl 1961e: 164. Holotype ♂; Madagascar, Perinet, Betsatsakry, Antaniditra pres Perinet; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Cedrela* sp., *Chrysophyllum boivinianum*, *Dalbergia* sp., *Erythroxylon* sp., *Eucalyptus* sp., *Ocotea* sp., *Pinus insularis*, *Rhodobaena bakeriana*, *Symphonia* sp., *Trichila* sp., *Uapaca* sp.
References: (ds) Schedl 1970d: 235, 1972f: 128, 1977b: 264. (tx) Schedl 1961e: 164, 1965c: 80, 1972f: 128, 1977b: 264, 1978a: 48.
- obtusum** Schedl 1961e: 165. Holotype ♂; Madagascar, Perinet, Betsatsakry pres Perinet; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Cussonia vantsilana*, *Dalbergia* sp., *Leptolaena multiflora*, *Symphonia* sp.
References: (ds) Schedl 1970d: 235, 1972f: 128, 1977b: 265. (tx) Schedl 1961e: 165, 1972f: 128, 1977b: 265, 1978a: 49.
- octospinosum** Schedl 1970d: 239. Holotype ♂; Madagascar, Benanpidy; MNHN, Paris.
Distribution: Madagascar.
Hosts: *Mauloutchia* sp.
References: (ds) Schedl 1972f: 128, 1977b: 265. (tx) Schedl 1970d: 239, 1972f: 128, 1977b: 265, 1978a: 49.
- odonticeps** Schedl 1961e: 159. Holotype ♂; Madagascar, Perinet; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Ravensara perillei*, *R. polyneura*, *Rawenala madagascarensis*, *Syderoxylon* sp., *Trichilia* sp.
References: (ds) Schedl 1972f: 128, 1977b: 266. (tx) Schedl 1961e: 159, 1970d: 235, 1972f: 128, 1977b: 266, 1978a: 49.
- paulianum** Schedl 1950h: 111. Lectotype ♂; Madagascar, Manjakatampo; Schedl Collection in NHMW, Wien.
Figures: Schedl 1962k: 1038 (male).
Distribution: Madagascar, South Africa.
Hosts: *Chrysophyllum boivinianum*, *Elaeocarpus* sp., *Ficus* sp., *Mespilodaphne* sp., *Rhodobaena bakeriana*, *Symphonia* sp., *Tricocodendron acuminatum*.
Notes: (3) Schedl 1961e: 166 (described female).
References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (ds) Schedl 1972f: 128, 1977b: 267. (tx) Schedl 1950h: 111, 1961e: 166, 1962k: 1038, 1972f: 128, 1977b: 267, 1978a: 52.
- planum** Schaufuss 1897a: 224. Holotype ♂; Madagascar (Sikora num. 91.); Hamburg Museum, lost.
Distribution: Madagascar.
References: (ds) Alluaud 1900: 441; Schedl 1972f: 128, 1977b: 268; Strohmeier 1912c: 22, 1914c: 46. (tx) Schaufuss 1897a: 223–224, 1905: 19; Schedl 1972f: 128, 1977b: 268; Strohmeier 1912c: 22, 1914c: 46.
- robustum** Schaufuss 1890: 623. Holotype ♂; Madagascar; Hamburg Museum, lost.
Distribution: Madagascar.
References: (ds) Alluaud 1900: 441; Fairmaire 1892b; Schedl 1972f: 128, 1977b: 268; Strohmeier 1912c: 22, 1914c: 46. (tx) Fairmaire 1892b; Schaufuss 1890: 623, 1897a: 223; Schedl 1972f: 128, 1977b: 268; Strohmeier 1912c: 22, 1914c: 46.
- rugosum** Schaufuss 1905: 11. Holotype ♂; Madagascar; Hamburg Museum, lost.
Distribution: Madagascar.
References: (ds) Schedl 1972f: 128, 1977b: 268. (tx) Schaufuss 1905: 11; Schedl 1972f: 128, 1977b: 268.
- sexspinosum** Schedl 1961e: 160. Holotype ♂; Madagascar, Montagne d'Ambre, Plateau 1100 m; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Canarium* sp., *Didymeles* sp., *Ekbergia suavis*, *Elaeocarpus* sp., *Eugenia* sp., *Ficus* sp.

References: **(ds)** Schedl 1972f: 128, 1977b: 269. **(tx)** Schedl 1961e: 160, 1972f: 128–129, 1977b: 269–270, 1978a: 66.

sulcipennis (Schedl) 1965c: 84 (*Coccephalophomus*). Holotype, sex?; Madagascar, Perinet; Schedl Collection in NHMW, Wien.

Distribution: Madagascar.

Notes: (3) Schedl 1979j: 130 (described male).

References: **(ds)** Schedl 1972f: 129, 1977b: 270.

(tx) Schedl 1965c: 84–85, 1971e: 17, 1972f: 129, 1977b: 270, 1978a: 72, 1979j: 130.

suspicax Schedl 1970d: 239. Holotype ♂; Madagascar, Sahafanjana (Manambato), Anove; IRSM, Madagascar.

Distribution: Madagascar.

Hosts: *Mauloutchia* sp.

References: **(ds)** Schedl 1972f: 129, 1977b: 270.

(tx) Schedl 1970d: 239–240, 1972f: 129, 1977b: 270, 1978a: 72.

thoracicum Schedl 1965c: 80. Holotype ♂; Madagascar, Sambava; Schedl Collection in NHMW, Wien.

Figures: Schedl 1972f: 129 (male).

Distribution: Madagascar.

References: **(ds)** Schedl 1972f: 73. **(tx)** Schedl 1960c: 62, 1965c: 80, 1972f: 129–130, 1977b: 270, 1978a: 73.

umbonatum Schedl 1972f: 130. Holotype ♂; Madagascar, Sambava; Schedl Collection in NHMW, Wien, automatic.

Notes: (1) This is an unneeded replacement name.

References: **(ds)** Schedl 1972f: 130. **(tx)** Schedl 1972f: 130.

truncatipennis Schedl 1961e: 162. Holotype ♀; Madagascar, Perinet, Scierie; IRSM, Madagascar. Distribution: Madagascar.

Hosts: *Eucalyptus robusta*, *Ravensara* sp., *Trichilia* sp.

Notes: (3) Schedl 1965c: 81 (described male).

References: **(ds)** Schedl 1970d: 235, 1972f: 129,

1977b: 271. **(tx)** Schedl 1961e: 162, 1965c: 81, 1970d: 235, 1972f: 129, 1977b: 271, 1978a: 75.

truncatipennis tavolae Schedl 1965c: 82. Holotype ♂; Madagascar, Betsatsaky bei Perinet; Schedl Collection in NHMW, Wien.

References: **(hb)** Schedl 1977b: 271. **(ds)**

Schedl 1972f: 129. **(tx)** Schedl 1965c: 82, 1972f: 129, 1977b: 271, 1978a: 76.

truncatum Schedl 1965c: 82. Holotype ♂; Madagascar, Kahlschlag in Betsatsaky bei Perinet; Schedl Collection in NHMW, Wien.

Distribution: Madagascar.

References: **(ds)** Schedl 1972f: 129, 1977b: 272.

(tx) Schedl 1965c: 82–83, 1972f: 129, 1977b: 272, 1978a: 76.

vulpinum Schedl 1965c: 83. Holotype ♂; Madagascar, Perinet; IRSM, Madagascar.

Distribution: Madagascar.

Hosts: *Cussonia vantsilana*.

References: **(ds)** Schedl 1972f: 130, 1977b: 272.

(tx) Schedl 1965c: 83, 1972f: 130, 1977b: 272, 1978a: 81.

Subfamily Platypodinae Erichson

See also the citations of Family Platypodidae

Platypodinae

References: Handlirsch 1925: 692; Hopkins 1915c: 227; Lucas 1920: 50; Schedl 1972f: 83, 113; Strohmeier 1912c: 4.

Tribe Platypodini Erichson

Platypodariae

References: Strohmeier 1914b: 18.

Platypodini

References: Lucas 1920: 50; Schedl 1939b: 396.

Crossotarsariae

References: Strohmeier 1914b: 18.

Crossotarsini

References: Schedl 1939b: 397, 401.

Crossotarsinae

References: Schedl 1972f: 83.

Genus *Platypus* Herbst

PLATYPUS HERBST 1793: 128. Type-species: *Bostrichus cylindrus* Fabricius, monobasic.

Cylindra Illiger 1825: 87. Type-species: *Cylindra platypus* Illiger = *Bostrichus cylindrus* Fabricius, monobasic. Synonymy: Chapuis 1865: 97.

References: (tx) Bedel 1888b: 404; Chapuis 1865: 97; Illiger 1825: 87; Swaine 1909: 84; Wood, S. L. 1979a: 1.

Stenoplatypus Strohmeier 1914c: 35. Type-species: *Crossotarsus spinulosus* Strohmeier, subsequent designation by Wood 1992a: 90. Synonymy: Schedl 1939: 398.

References: (tx) Browne 1961c: 216, 1972a: 181; Kalshoven 1960: 31–50; Schedl 1939b: 398, 1972f: 215; Strohmeier 1914c: 35; Wood, S. L. 1979a: 1, 1992a: 90.

Platypinus Schedl 1939b: 397. Type-species: *Platypus curtus* Chapuis, subsequent designation by Wood 1992a: 90. Synonymy: Wood 1979a: 1.

References: (tx) Schedl 1939b: 397; Wood, S. L. 1979a: 1, 1992a: 90.

Austroplatypus Browne 1971a: 49. Type-species: *Platypus incompertus* Schedl, original designation. Synonymy: Wood 1993: (in preparation).

References: (hb) Schedl 1972f: 269–272. (ds) Schedl 1972f: 269–272. (tx) Browne 1971a: 49–50, 1972a: 180; Schedl 1972f: 269.

Keys: Chapuis 1865 (worldwide), Blandford 1894d: 133 and Nobuchi 1973b: 8 (Japan), Blandford 1895b: 91 (Mexico and Central America), for generic groups Schedl 1972f: 169–183, Strohmeier 1914c, Wood ex 1993.

Notes: (3) A major generic revision of Platypodidae was prepared by me after this catalog was complete, but before it was published, in which more than half of the species of *Platypus* were transferred elsewhere. Only a small fraction of those changes are found in this catalog, i. e., *Platyscapulus* and *Treptoplatypus*. The generic revision is expected to be published in 1993 (SLW).

References: (ay) Fuchs 1912: 5–7, 14–33; Gardner 1932: 1–9; Strohmeier 1918: 1–46. (cn) Barbey 1901: 115; Beeson 1916: 1–5, 1918: 114–124; Bennett 1958: 1–35; Blackman 1950: 300, 341–342; Catoni 1921: 21–25; Chamberlin 1918: 34–35, 1958: 33–34; Chellman 1958: 3, 8–9; Curry 1958: 128–132; Dorsey & Leach 1956: 222; Dourojeanni 1965: 9–32; Ferguson, Gibbs, & Thatcher 1960: 27–29; Fisher, Thompson, & Webb 1954: 1–21; Fonseca, Pinto da 1934: 263–289; Froggatt 1926: 359–382; Greene & Urich 1931: 227–282; Hagle et al. 1987: 39; Johnson 1958: 508–511; Kelsey 1947: 65–100; Maas 1921: 1–12; Mayne 1917: 1–80; Menzel 1923: 3; Roughley & Welch 1931: 1–27; Sheppard 1925: 50–54; Shuckard 1938: 508–509; Sterrett 1916: 1–88; Swaine 1914: 40, 1916c: 628; Wearne 1923: 412–413; Wolcott 1948: 385; Yazawa, Higuchi, & Machii 1957: 1–56. (hb) Beeson 1910: 222–223; Froggatt 1927: 77–79; Hetrick 1967: 297; Johnson 1958: 236; Judeich & Nitsche 1895: 441–442; Kalshoven 1960: 31–34, 1963: 237; Lengerken 1939: 250, 257–258; Munro 1928: 1–29, 1946: 10–43; Neger 1908: 279; Snyder 1927: 13, 40. (ds) Beeson 1938: 295; Blackwelder 1947: 788; Cachan 1957: 5; Crotch 1863: 18; Hetrick 1967: 297; Horn 1933: 173–174; Kolbe 1897: 37, 284; Lara & Shenefelt 1965: 175; Lever 1940: 38; Lovendal 1889: 29, 83; Lundblad 1958: 512; Murayama 1928: 30; Roepke 1911: 10–11; Shuckard 1838: 508–509. (tx) Balachowsky 1949a: 276; Beal & Massey 1945: 62; Bedel 1888b: 385, 404, 421; Beeson 1922: 1–2, 1941: 341–347; Bertolini 1872: 202; Blackman 1922b: 38–39, 1944: 78; Blandford 1893c: 11; 1893d: 442, 1894d: 133, 1895b: 81–95, 114, 193–198; Blatchley & Leng 1916: 581–584; Bright 1972d; Broun 1850: 539–540; Browne 1935b: 182–186, 1936a: 1, 1950b: 649, 1955: 364, 1958b: 164–182, 1960: 213, 1961c: 194–212, 1962e: 652, 655, 1966: 233–257, 1971a: 49–50, 1972a: 184; Chamberlin 1939: 17, 36, 102–109, 1958: 33–34; Chapuis 1865: 22, 97–288; Eichhoff 1864b: 18–22, 42–45, 1881a: 305–307; Endrodi 1957: 420; Erichson 1836: 64; Escherich 1923: 459–460, 633, 638; Gaubil 1849: 125; Guerin-Meneville 1838: 183; Hagedorn 1904: 411–412, 1907: 290–293, 1910a: 1; Herbst 1793: 128; Hopkins 1914: 127, 133, 1915c: 179, 181, 198–199, 202, 227; Hubbard 1897: 14–15; Jacquelin du Val & Fairmaire 1868: 107; Karaman

- 1972: 162; Lacordaire 1866: 355, 389, 391; Latreille 1807: 277; Lea 1910: 136; LeConte 1868: 150, 1876: 343; LeConte & Horn 1883: 513–514; Motschulsky 1858: 68; Murayama 1925: 210–211, 1934: 146; Niisima 1909: 171; Nunberg 1940: 63–69, 1951: 261, 1953: 46; Nusslin 1911a; Ratzeburg 1837: 129–138, 187–188, 1839: 230; Redtenbacher 1845: 95, 151, 167; Reitter 1913a: 111–112, 1916: 306; Sampson 1924a: 545, 1924c: 129; Schedl 1935g: 320, 1935n: 633, 1939b: 383, 388–391, 397, 1940c: 203–208, 1955g: 3, 48, 1957b: 159, 1957d: 118, 1958k: 145, 1959a: 512, 1959m: 545–557, 1962k: 597–599, 1962n: 697–699, 1963j: 483, 486, 1968e: 261–270, 1972f: 169–242, 1977b: 239; Schimitschek 1937: 60; Sedlacek 1902: 2; Shuckard 1840 (1861: 64); Stebbing 1907: 41, 1914: 619–628, 634; Stephens 1839: 205–206; Strohmeier 1911a: 174, 1911b: 26, 1911d: 218, 1912c: 3, 10–19, 1912f: 78, 1914c: 1–22; Swaine 1909: 83–84; Westwood 1836: 35, 1840: 40; Wood, S. L. 1958b: 37–40, 1960a: 3, 6; Zimmermann 1868: 142.
- abietis** Wood 1958b: 39. Holotype ♂; Oak Creek Canyon, Millard Co., Utah [USA]; Wood Collection. Distribution: North America (Arizona, New Mexico, Utah in USA). Hosts: *Abies concolor*. References: (ds) Equihua & Atkinson 1987: 18; Furniss, R. L. & Carolin 1977: 338; Schedl 1972f: 197; Wood, S. L. 1958b: 39, 1979a: 1. (tx) Equihua & Atkinson 1987: 18; Schedl 1972f: 197, 1978b: 9; Wood, S. L. 1958b: 39, 1979a: 1.
- abnormis** Schedl 1975f: 378. Holotype ♀; Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 378.
- abruptifer** Wood 1992a: 90. Holotype ♂; New Guinea: Adi Island to Nagoya (Japan), imported; BMNH, London, automatic. Distribution: New Guinea. Hosts: *Pometia* sp. References: (tx) Wood, S. L. 1992a: 90.
- abruptus** Browne 1986b: 337. Holotype ♂; New Guinea: Adi Island to Nagoya (Japan), imported; BMNH, London, preoccupied by Sampson 1923. References: (tx) Browne 1986b: 337; Wood, S. L. 1992a: 90.
- abruptulus** Browne 1984a: 158. Holotype ♂; Pomio (New Britain) to Nagoya (Japan), imported; BMNH, London. Distribution: New Britain Island. References: (ds) Ohno, Yoshioka, et al. 1989: 65. (tx) Browne 1984a: 158.
- abruptus** Sampson 1923b: 285. Holotype ♂; India: Mandali, Jaunsar, 6000 ft.; BMNH, London. Distribution: Asia (Uttar Pradesh in India). Hosts: *Quercus incana*.
- References: (ds) Schedl 1972f: 212. (tx) Browne 1962e: 643; Murayama 1928a: 286; Sampson 1923b: 285; Schedl 1964c: 301, 1972f: 212.
- acetabuliformis** Roberts 1986: 40. Holotype ♂; New Guinea: Papua, Popondetta; BMNH, London. Distribution: New Guinea. Hosts: *Amoora* sp. Notes: (3) Roberts 1989: 263 (described female). References: (tx) Roberts 1986: 40.
- acetabuliformis comalis** Roberts 1989: 263. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien. References: (tx) Roberts 1989: 263, 286.
- acuticornifer** Wood 1981: 121. Holotype ♂; Luth. Miss. Sawmill, Porotop, Papua; Schedl Collection in NHMW, Wien, automatic. Distribution: New Guinea. References: (tx) Schedl 1975g: 223; Wood, S. L. 1981: 121 (published in March).
- acuticornis** Schedl 1975g: 223. Holotype ♂; Luth. Miss. Sawmill, Porotop, Papua; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1973. References: (tx) Schedl 1975g: 223.
- longicornis** Browne [1980f] 1981: 215. Holotype ♂; Luth. Miss. Sawmill, Porotop, Papua; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1942. References: (tx) Browne 1980f: 215 (actually published in September–December 1981).
- acuticornis** Schedl 1973f: 77. Holotype ♂; N. slope Mt. Dayman, Maneau Range, M. Bay Dist., 1550 m; AMNH, New York. Distribution: New Guinea. References: (tx) Schedl 1973f: 77, 1978b: 9.
- acutidentatus** Murayama 1956b: 11. Holotype ♂; Palau Island; USNM, Washington. Figures: Murayama 1956b: figs. 1–8, Wood 1960a: 10. Distribution: Micronesia (Palau Island). References: (ds) Schedl 1972f: 208; Wood, S. L. 1960a: 7. (tx) Murayama 1956b: 11; de Ruetten 1970: 68; Schedl 1972f: 208; Wood, S. L. 1960a: 7, 10.
- adnexus** Schedl 1967d: 17. Holotype ♂; Brasilien, Nova Teutonia, Santa Catarina; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (ds) Schedl 1972f: 213. (tx) Schedl 1967d: 17–18, 1972f: 213, 1978b: 9; Wood, S. L. 1966a: 62.
- aduncus** Chapuis 1865: 283. Holotype ♀; Borneo, Sarawak; BMNH, London. (Schedl 1960c: 55). Distribution: Indonesia (Borneo). References: (ds) Sampson 1928b: 392; Schedl 1972f: 208; Strohmeier 1912c: 18, 1914c: 28. (tx) Chapuis 1865: 283; Sampson 1928b: 392; Schedl 1935k: 481, 1941b: 416, 1960c: 55, 1972f: 208; Strohmeier 1912c: 18, 1914c: 28.

advena Schedl 1972i: 54. Holotype ♂; New Guinea (NW), W. of Sentani, 75 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Alstonia scholaris*, *Pineleodendron* sp.

Notes: (3) Schedl 1974d: 464 (described female).
References: (ds) Schedl 1972f: 189. (tx) Schedl 1972f: 189, 1972i: 54, 1974d: 465, 1978b: 9.

aequalicinctus Schedl 1948d: 41. Lectotype ♂; Brasil: Sao Paulo; Schedl Collection in NHMW, Wien, designated by Schedl 1978b: 10.

Distribution: South America (Brazil).

References: (ds) Schedl 1972f: 230. (tx) Schedl 1948d: 41, 1972f: 230, 1978b: 10.

aequalis Schedl 1975g: 223. Holotype ♂; Papua, Porotop, Luth. Mission Sawmill; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975g: 223, 1978b: 10.

aequilaterus Roberts 1986: 40. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.

Distribution: New Guinea.

Hosts: *Xanthophyllum papuanum*.

References: (tx) Roberts 1986: 40.

afzeliae Browne 1972b: 29. Holotype ♂; Thailand: Donglam; BMNH, London.

Distribution: Asia (Thailand).

Hosts: *Afzelia xylocarpa*.

References: (ds) Beaver & Browne 1975: 305. (tx) Browne 1972b: 29.

agathis Browne 1986b: 335. Holotype ♂; Borneo: Bangkuran (Sabah) to Hirao (Japan), imported; BMNH, London.

Distribution: Indonesia (Borneo).

Hosts: *Agathis* sp.

References: (tx) Browne 1986b: 335.

agnatus Schedl 1969a: 217. Holotype ♂; Borneo (Sarawak), Lawas to Tokyo (Japan), imported; PPST, Tokyo.

Distribution: Indonesia (Borneo).

Hosts: *Seyara* sp., *Shorea* sp.

References: (ds) Browne 1980c: 484, 1980d: 492, 1984c: 449; Choo, Woo, & Kim 1981: 202; Nobuchi 1977: 141; Ohno et al. 1988b: 97; Schedl 1972f: 208. (tx) Nobuchi 1985: 329; Schedl 1969a: 217, 1972f: 208, 1978b: 10.

algius Schedl 1936j: 33. Lectotype ♂; Malaya Peninsula: Penang Id.; Schedl Collection in NHMW, Wien, designated by Schedl 1978b: 10.

Distribution: Asia (Malaya).

References: (hb) Browne 1941. (ds) Beaver & Browne 1978: 618; Browne 1961c: 206; Schedl 1936j: 33, 1972f: 208. (tx) Schedl 1936j: 33–34, 1941b: 418, 425, 1972f: 208, 1978b: 10.

alienus Schedl 1963d: 228. Holotype ♂; Surinam; Schedl Collection in NHMW, Wien.

Distribution: South America (Suriname).

Hosts: Bamboo and poesentria logs.

References: (ds) Schedl 1972f: 230, 1972g: 47,

1976a: 57. (tx) Schedl 1963d: 228, 1972f: 230, 1978b: 10.

alternans Chapuis 1865: 156. Holotype ♂ (Schedl 1960c: 24); Venezuela; BMNH, London.

Distribution: North America ("Mexico"), South America (Colombia/ Guyana/ Venezuela).

Notes: (3) Schedl 1935h: 356 (described female).

References: (hb) Cleare 1924: 61–68; Swabey 1935: 7. (ds) Blackwelder 1947: 788; Blandford 1896e: 105; Equihua & Atkinson 1987: 19; Ferrer 1942; Gemminger & Harold 1872: 2697; Schedl 1960a: 79, 1972f: 205; Strohmeier 1912c: 10, 1914c: 24; Swabey 1935: 7. (tx) Blandford 1896e: 105; Chapuis 1865: 156; Equihua & Atkinson 1987: 19; Schedl 1935h: 356, 1937c: 14, 1937d: 38, 1940a: 324, 1960a: 79, 1960c: 24, 1972f: 205, 1978b: 10; Strohmeier 1912c: 10, 1914c: 24.

alternantecostatus (Schedl) 1941c: 364 (*Platyscapus*). Syntypes ♂ ♀; Java, Mt. Gede, 800 m; Kalshoven Collection, and Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Java).

Hosts: *Dysoxylum* sp.

Notes: (1) Schedl 1978a: 10 (citation of holotype invalid).

References: (hb) Kalshoven 1960c: 41, 1960d: 41. (ds) Browne 1984c: 448; Kalshoven 1960d: 41; Schedl 1972f: 186. (tx) Browne 1962e: 653, 1972b: 30; Schedl 1941c: 363–365, 1972f: 186, 1978a: 10.

ambiguus Roberts 1987: 163. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2,200 m; BMNH, London.

Figures: Roberts 1987: 176 (male elytron).

Distribution: New Guinea.

Hosts: *Planchonella* sp.

References: (tx) Roberts 1987: 163, 176.

anaticeps Schedl 1969a: 215. Holotype ♂; Borneo (Kalimantan), Nunukan to Muroran (Japan), imported; PPST, Tokyo.

Distribution: Indonesia (Borneo).

Hosts: Meranti logs.

References: (tx) Schedl 1969a: 215, 1978a: 10.

andrewesi Strohmeier 1910e: 128. Holotype ♂; Nilgiri Hills; H.L. Andrewes Collection.

Distribution: Asia (India/ Malaya).

Notes: (3) Schedl 1942a: 211 (described female).

References: (hb) Browne 1941. (ds) Browne 1961c: 210, 1981a: 125; Mathew 1982, 1987: 188; Schedl 1936j: 21, 1972f: 201; Strohmeier 1912c: 19, 1914c: 28. (tx) Nobuchi 1985: 329; Schedl 1936j: 21, 1939c: 2, 1939e: 337, 1942a: 211, 1972: 201, 1978b: 11; Strohmeier 1910e: 128–129, 1912c: 19, 1914c: 28.

anguis Browne 1984f: 59. Holotype ♂; New Guinea: Morobe District, Bulolo, Snake Creek, 1000 m; BMNH, London.

Distribution: New Guinea.

Hosts: *Aglaia* sp.

References: (tx) Browne 1984f: 59.

angustatulus Wood 1966a: 55. Holotype ♂; 10 km SE Cartago on Pan-American Highway, Cartago Prov., Costa Rica, 5600 feet; Wood Collection.

Figures: Wood 1966a: 52.

Distribution: North America (Costa Rica).

References: (ds) Equihua & Atkinson 1987: 19; Schedl 1972f: 205. (tx) Equihua & Atkinson 1987: 19; Schedl 1972f: 205; Wood, S. L. 1966a: 52, 55.

angustatus Chapuis 1865: 157. Holotype ♂; Mexico; MNHN, Paris (Schedl 1960c: 24).

Distribution: North America (probably Veracruz in Mexico).

References: (cn) Anonymous 1953j: 25. (ec) Anonymous 1953j: 25. (ds) Blackwelder 1947: 788; Blandford 1896e: 104–105; Equihua & Atkinson 1987: 19; Ferrer 1942; Gardiner 1957a; Gemminger & Harold 1872: 2697; Mayne & Donis 1960: 98, 1962: 280; Schedl 1972f: 205; Strohmeier 1912c: 10, 1914c: 24, 36. (tx) Blandford 1896e: 104–105; Chapuis 1865: 157; Equihua & Atkinson 1987: 19; Schedl 1940a: 324, 1950d: 14, 1953g: 244, 1960c: 24, 1972f: 205; Strohmeier 1912c: 10, 1914c: 24, 36.

angusticollis Schedl 1942c: 197. Holotype ♀; New Guinea; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (bv) Gray, B. 1974b. (hb) Gray, B. 1974b. (ds) Schedl 1972f: 199. (tx) Schedl 1942c: 197, 1972f: 199, 1978b: 11.

angustior Schedl 1942c: 196. Holotype ♂; New Guinea; Schedl Collection in NHMW, Wien.

Distribution: Asia (India), New Guinea.

References: (ds) Schedl 1969c: 62, 1972f: 200. (tx) Schedl 1942c: 196, 1969b: 233, 1972f: 200.

angustioris Schedl 1948d: 42. Syntypes ♂; Brasil, Sao Paulo; Prague Museum, and Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

Notes: (1) Schedl 1978a: 11 (citation of holotype invalid).

References: (ds) Schedl 1970f: 582, 1972f: 230, 1972g: 47. (tx) Schedl 1948d: 42, 1972f: 230, 1978b: 11.

annexus Wood 1966a: 62. Holotype ♂; Tapanti, Cartago Prov., Costa Rica, 4000 feet; Wood Collection.

Figures: Wood, S. L. 1966a: fig. 20.

Distribution: North America (Costa Rica).

Hosts: *Quercus* sp.

References: (ds) Equihua & Atkinson 1987: 19; Schedl 1972f: 214. (tx) Equihua & Atkinson 1987: 19; Schedl 1972f: 214; Wood, S. L. 1966a: 62, 67.

anomalus Schedl 1975g: 224. Holotype ♀; New Guinea, Porotop, Luth. M. Station; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975g: 224, 1978b: 11.

anoplus Schedl 1975f: 380. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 380.

anthocephali Schedl 1969c: 60. Holotype ♂; India: Bengal, Samsing, 1800 ft., Kalimpong; not in FRI, Dehra Dun.

Distribution: Asia (Bengal in India).

Hosts: *Anthocephalus cadamba*.

Notes: (1) The Schedl "paratypes" apparently are the types; none of the specimens cited by Schedl (1969c: 60) ever reached FRI. (3) Schedl 1969c: 60 (this is *anthocephali* Beeson, nomen nudum).

References: (ds) Schedl 1972f: 208. (tx) Beeson 1941 (1961: 263); Schedl 1969c: 60–61, 1972f: 208, 1978b: 11.

aolai Browne 1986c: 669. Holotype ♂; Solomon Islands: Aola to Nagoya (Japan), imported; BMNH, London.

Distribution: Solomon Islands.

Hosts: *Neonauclea* sp. log.

References: (tx) Browne 1986c: 669.

apertulus Schedl 1975f: 380. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 380.

apertus (Schedl) 1979g: 119 (*Diapus*). Holotype ♂; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

Notes: (1) Roberts 1992:(in press) (to *Platypus*).

References: (tx) Roberts 1992:(in press); Schedl 1979g: 119.

apicalis (White) 1846: 18 (*Crossotarsus*). Holotype ♂; New Zealand, North Island; BMNH, London.

Figures: Milligan 1979: fig. 5.

Distribution: Australia, Chatham Islands, New Zealand.

Hosts: *Cordyline australis*, *Pseudotsuga menziesii*.

References: (bv) Alma & van Boven 1976; Hosking 1977; Milligan 1974, 1982a, 1982b; Neumann & Harris 1974: 136; Ytsma 1986, 1988. (cn) Grehan & Nixon 1978; Hosking 1977; Milligan 1974, 1979, 1982a, 1982b; Zondag 1982. (ec) Hosking 1977; Milligan 1974; Payton 1989; Zervos 1980. (hb) Grehan & Nixon 1978; Laird 1956: 76–84; Milligan 1970a: 61–62, 1979. (ds) Alma & van Boven 1976; Broun 1918: 147; Chapuis 1865: 337; Gemminger & Harold 1872: 2697; Grehan & Nixon 1978; Hosking 1977; Hutton 1904: 219; Laird 1956: 79, 81; Milligan 1979; Nobuchi 1977: 121; Schedl 1972f: 190; Strohmeier 1912c: 5, 1914c: 35; Zondag 1982. (tx) Broun 1880; Browne 1964: 754; Chapuis 1865: 337; Milligan 1979, fig. 5; Schedl 1941e: 154, 1942c: 164, 1960c: 64, 1972f: 190; Strohmeier 1912c: 5, 1914c: 35; White 1846: 18. (ms) Ytsma 1986.

- douci* Chapuis 1865: 237. Syntypes ♂ ♀; de la Nouvelle-Zelande; BMNH, London, MNB, Berlin, IRSNB, Brussels, and MNHN, Paris (Schedl 1960c: 44). Synonymy: Schedl 1941e: 154.
References: (cn) Zondag 1966. (hb) Clark 1932a: 235–243. (ds) Clark 1932a: 235–243; Gemminger & Harold 1872: 2698; Hutton 1904: 219; Strohmeier 1912c: 16, 1914c: 26. (tx) Broun 1880; Browne 1964: 754; Chapuis 1865: 237; Schedl 1935k: 485, 1937d: 40, 1941e: 154, 1960c: 44, 1972f: 190; Strohmeier 1912c: 16, 1914c: 26.
- castaneus* Broun 1880: 542. Holotype ♂; Tairua, New Zealand; Broun Collection. Synonymy: Schedl 1962n: 754.
References: (ds) Hutton 1904: 219; Strohmeier 1912c: 19, 1914c: 28. (tx) Broun 1880: 542; Browne 1964: 754; Schedl 1957d: 118, 1972f: 190; Strohmeier 1912c: 19, 1914c: 28.
- apicaloides* Schedl 1964g: 251. Holotype ♂; Sarawak, Setapok; BMNH, London.
Distribution: Asia (Malaya), Indonesia (Borneo).
Hosts: *Garcinia* sp.
References: (hb) Browne 1961c: 212. (ds) Browne 1961c: 212; Schedl 1972f: 186. (tx) Schedl 1964g: 251, 1972f: 186, 1978b: 12.
- apicatus* Schedl 1975f: 381. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 381.
- apicatus* Schedl 1974d: 466. Holotype ♂; Panganda logging area, Watut Valley, Morobe District, New Guinea, 2126 m; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Castanopsis accuminatissima*.
References: (tx) Schedl 1974d: 466.
- applanatulus* Wood 1992b: 79. Holotype ♂; Manaus, Amazonas; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Wood, S. L. 1992b: 79.
- aplanatus* Schedl 1976a: 85. Holotype ♂; Manaus, Amazonas; Schedl Collection in NHMW, Wien, preoccupied by *applanatus* Wood 1972.
Notes: (1) The names *aplanatus* and *applanatus* are homonyms under the Code even though they differ by one letter.
References: (tx) Schedl 1976a: 85; Wood, S. L. 1992b: 79.
- applanatus* Wood 1972b: 244. Holotype ♂; 30 km E Palmar, Bolivar, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: *Pouteria egregia*.
References: (tx) Wood, S. L. 1972b: 244.
- araucariae* Schedl 1966e: 44. Holotype ♂; Sudbrasilien; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
Hosts: *Araucaria angustifolia*.
References: (ds) Schedl 1972f: 205, 1976a: 57; Schonherr & Pedrosa-Macedo 1981: 57. (tx) Schedl 1966e: 44, 1972f: 205, 1978b: 12.
- arcuatus* Schedl 1976a: 86. Holotype ♂; V. Vera, Matto Grosso, Brazil, Lon. 55 36, Lat. 12 46; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 86.
- arduus* (Schedl) 1942a: 214 (*Platyscapus*). Holotype ♀; Borneo; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo).
Hosts: *Shorea* sp.
Notes: (3) Schedl 1969a: 218 (described male).
References: (ds) Nobuchi 1977: 123; Schedl 1969a: 206, 1972f: 190. (tx) Browne 1962e: 653; Schedl 1942a: 214, 1969a: 218, 1972a: 190, 1978b: 12.
- areolatus* Chapuis 1865: 179. Holotype ♀; Cuba; Schedl (1960c: 30) was unable to find this type.
Distribution: Antilles Islands (Cuba).
References: (ds) Blackwelder 1947: 788; Equihua & Atkinson 1987: 19; Schedl 1972f: 230; Strohmeier 1912c: 10, 1914c: 24. (tx) Chapuis 1865: 179; Equihua & Atkinson 1987: 19; Schedl 1960c: 30, 1972f: 230; Strohmeier 1912c: 10, 1914c: 24.
- arisannensis* Murayama 1934f: 135. Holotype ♀; Arisan (Formosa); Murayama Collection in USNM, Washington.
Distribution: Asia (Taiwan).
References: (ds) Murayama 1934f: 135, 1937c: 578; Nobuchi 1967: 26; Schedl 1972f: 194. (tx) Murayama 1934f: 135; Schedl 1972f: 194.
- armaticeps* Schedl 1936d: 15. Lectotype ♂; Malay Peninsula, Perak, Bintang Hijau Res., Chengal; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 12.
Distribution: Asia (India/ Malaya).
Hosts: *Balanocarpus heimii*.
Notes: (3) Beeson 1941 (1961: 263) (*armaticeps*, nomen nudum, not found in FRI by SLW in 1981).
References: (hb) Browne 1941. (ds) Beeson 1941 (1961: 263); Browne 1961c: 202; Schedl 1972f: 206. (tx) Schedl 1936d: 15–16, 1972f: 206, 1978a: 12.
- armatus* Chapuis 1865: 222. Holotype ♂; Colombie; Schedl (1960c: 41) was unable to find this type.
Distribution: North America (Costa Rica), South America (Colombia).
References: (ds) Blackwelder 1947: 788; Blandford 1896e: 109–110; Equihua & Atkinson 1987: 19; Gemminger & Harold 1872: 2697; Schedl 1972f: 226; Strohmeier 1912c: 13, 1914c: 26. (tx) Blandford 1896e: 109–110; Chapuis 1865: 222; Equihua & Atkinson 1987: 19; Lucas 1920: 522;

- Schedl 1939b: 399, 1960c: 41, 1972f: 226; Strohmeyer 1912c: 13, 1914c: 26.
- arrogans** Schedl 1971c: 357. Holotype ♀; Laos: Schedl Collection in NHMW, Wien.
Distribution: Asia (Laos).
References: (ds) Schedl 1972f: 194. (tx) Schedl 1971c: 387–388, 1972f: 194, 1978b: 12.
- artecarinatus** Schedl 1935h: 352. Holotype ♂; Costa Rica, Hamburgfarm, [Rio] Reventazon, Ebene Limon; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
References: (ds) Blackwelder 1947: 788; Equihua & Atkinson 1987: 19; Schedl 1972f: 238. (tx) Equihua & Atkinson 1987: 19; Schedl 1935h: 352–353, 1972f: 238, 1978b: 12.
- artecostatus** (Schedl) 1941c: 363 (*Platyscapus*). Syntypes ♂ ♀; Java, Mnt. Gede, 800 m; Kalshoven Collection, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo, Java).
Notes: (1) Schedl 1978a: 13 (citation of holotype invalid).
References: (hb) Kalshoven 1960c: 41. (ds) Browne 1961c: 213; Kalshoven 1960d: 41; Schedl 1972f: 186. (tx) Browne 1962e: 653; Schedl 1941c: 363–364, 1958h: 498, 1972f: 186, 1978a: 12.
- artesolidus** Schedl 1942a: 201. Lectotype ♂; Malaya, Rotan Tunggal F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 13.
Distribution: Asia (Malaya), Philippine Islands.
Hosts: *Vatica* sp.
References: (ds) Browne 1961c: 209, 1962c: 201, 1980d: 490, 1983a: 555; Schedl 1966b: 89, 1972f: 197. (tx) Nobuchi 1985: 329; Schedl 1942a: 201, 1972f: 197, 1978a: 13.
- artet truncatus** Schedl 1979g: 109. Holotype ♂; Papua UMLA [Upper Manki logging area], Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1979g: 109.
- asperatus** Schedl 1976a: 86. Holotype ♂; V. Vera, Matto Grosso, Brazil, Lon. 55° 36', Lat. 12° 46'; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 86.
- aspicis** Roberts & Morimoto 1986: 163. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Planchonella* sp.
References: (tx) Roberts & Morimoto 1986: 163.
- assamelae** Browne 1986b: 339. Holotype ♂; Congo: Pointe Noire to Nagoya (Japan), imported; BMNH, London.
Distribution: Africa (Zaire)
Hosts: *Pericopsis elata* log.
- References: (tx) Browne 1986b: 339.
- assimilis** Schedl 1965g: 28. Holotype ♂; O. Borneo, Mt. Tibang, 1300 und 1400 m; NHR, Stockholm.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 207. (tx) Schedl 1965g: 28, 1972f: 207, 1978b: 13.
- associatus** Schedl 1973e: 95. Holotype ♂; Buvisi, West New Britain District; CSIRO, Canberra.
Distribution: New Britain Island.
Hosts: *Eucalyptus deglupta*.
References: (tx) Schedl 1973e: 95, 1978a: 13.
- astutus** Schedl 1965g: 28. Holotype ♂; O. Borneo, Mt. Tibang, 1300 m; NHR, Stockholm.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 200. (tx) Schedl 1965g: 28, 1972f: 200, 1978b: 13.
- atrans** Roberts 1989: 264. Holotype ♂; Papua New Guinea: Mt. Kaindi, 2100–2350 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
References: (tx) Roberts 1989: 264.
- attentus** Schedl 1936c: 234. Holotype ♀; Suriname; Schedl Collection in NHMW, Wien.
Distribution: South America (Guyana/Suriname).
References: (ds) Blackwelder 1947: 788; Schedl 1972f: 238. (tx) Schedl 1936c: 234, 1972f: 238, 1978b: 13.
- auricularis** Chapuis 1865: 125. Syntypes 2 ♂; Ste. Catherine; 1 in MNB, Berlin, 1 in IRSNB, Brussels (Schedl 1960c: 16).
Distribution: South America (Brazil/ Cayenne).
References: (ds) Blackwelder 1947: 788; Gemminger & Harold 1872: 2697; Schedl 1972f: 238; Strohmeyer 1912c: 8, 1914c: 23. (tx) Chapuis 1865: 125; Schedl 1936c: 224, 1937d: 37, 1960c: 16, 1972f: 238; Strohmeyer 1912c: 8, 1914c: 23.
- auritus** Chapuis 1865: 123. Syntypes ♂ ♀; Mexico: Toxpan; BMNH, London.
Distribution: North America (Veracruz in Mexico).
References: (ds) Blackwelder 1947: 788; Blandford 1896e: 97; Equihua & Atkinson 1987: 19; Gemminger & Harold 1872: 2697; Schedl 1972f: 238; Strohmeyer 1912c: 8, 1914c: 23. (tx) Blandford 1896e: 97; Chapuis 1865: 123; Equihua & Atkinson 1987: 19; Schedl 1934e: 210, 1936c: 224, 1940a: 324, 1960c: 16, 1972f: 238; Strohmeyer 1912c: 8, 1914c: 23.
- australis** Chapuis 1865: 240. Holotype ♀; Moreton-Bay, cote orientale de la Nouvelle-Hollande [Australia]; BMNH, London.
Distribution: Australia.
Hosts: *Argyrodendron peralatum*, *Beilschmidia bancrofti*, *Ceratopetalum succinubrum*, *Cryptocarya ablato*, *Doryphora armatica*, *Yanthophyllum ostandrum*.
References: (ay) Ting 1936: 95. (cn) Brimblecombe 1951, 1956; Froggatt 1926b, 1927; Smith,

- J. H. 1932: 232, 1939: 32–35. (**hb**) Brimblecombe 1951, 1956; Froggatt 1926b, 1927. (**ds**) Boissduval 1835; Browne 1981a: 126; Gemminger & Harold 1872: 2697; Nobuchi 1977: 125; Sampson 1925: 1; Schedl 1936g: 515, 1964c: 306, 1966g: 36, 1972a: 144, 1972f: 144, 196, 1975h: 352, 1979a: 159; Strohmeier 1912c: 18, 1914c: 28. (**tx**) Carne et al. 1980; Chapuis 1865: 240; Lea 1904: 105; Sampson 1925: 1; Schedl 1936e: 58–59, 1936g: 515, 1960c: 45, 1972f: 196; Strohmeier 1912c: 18, 1914c: 28.
- crenatus* Chapuis 1865: 287. Holotype ♂; Moreton Bay, Nouvelle-Hollande [Australia]; IRSNB, Brussels (Schedl 1960c: 56). Synonymy: Lea 1904: 105.
- References: (**cn**) Froggatt 1926b. (**hb**) Froggatt 1926b. (**ds**) Gemminger & Harold 1872: 2698; Sampson 1925: 1. (**tx**) Chapuis 1865: 287; Lea 1904: 105; Sampson 1925: 1; Schedl 1960c: 56, 1972f: 196.
- bajulus** Schedl 1936e: 52. Lectotype ♂; Mentawai, Sipora, Sereinu; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 13.
- Distribution: Asia (Malaya), Indonesia (Java, Mentawai, Sumatra).
- Hosts: *Artocarpus elastica*, *Evodia* sp., *Horsfieldia glabra*, *Podocarpus imbricata*, *Sarcocephalus* sp.
- References: (**hb**) Kalshoven 1960c: 35. (**ds**) Browne 1961c: 198, 1986c: 662; Kalshoven 1960d: 36; Schedl 1972f: 192. (**tx**) Schedl 1936e: 52–53, 1939e: 336, 1941c: 354, 1942a: 172, 1950g: 895–896, 1972f: 192, 1978b: 13.
- bajulus sumatranus* Schedl 1936e: 53. Holotype ♂; Sumatra; Schedl collection in NHMW, Wien (Schedl 1978a: 14).
- Notes: This is apparently an aberration that should have no taxonomic status.
- References: (**ds**) Schedl 1972f: 192. (**tx**) Schedl 1936e: 53, 1972f: 192, 1978a: 14.
- balanocarpus** Schedl 1936d: 15. Lectotype ♂; Malay Peninsula, Pahang; Trantum; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 14.
- Distribution: Asia (Malaya), Indonesia (Borneo).
- Hosts: *Balanocarpus heimii*, *Shorea ovata*, *S. parvifolia*.
- Notes: (3) Beeson 1941 (1961: 263) (*balanocarpus*, nomen nudum, not now in FRI).
- References: (**hb**) Browne 1936a, 1941, 1961c: 212. (**ds**) Beeson 1961: 263; Browne 1936a, 1961c: 212, 1980b: 381, 1984c: 448; Schedl 1959c: 168, 1971c: 366, 1972f: 185. (**tx**) Schedl 1936d: 15, 1972f: 185, 1978a: 14.
- barbatulus** Schedl 1942a: 209. Holotype ♀; Borneo; Schedl Collection in NHMW, Wien.
- Distribution: Indonesia (Borneo).
- References: (**ds**) Schedl 1972f: 194. (**tx**) Schedl 1942a: 209, 1972f: 194, 1978a: 14.
- barbosai** Schedl 1972g: 75. Holotype ♂; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
- Distribution: South America (Brazil).
- Notes: (3) Schedl 1976a: 87 (described female).
- References: (**tx**) Schedl 1972g: 75, 1976a: 87, 1978a: 14.
- batesi** Chapuis 1865: 139. Holotype ♀; Bresil, Ega.; BMNH, London.
- Distribution: South America (Brazil).
- References: (**ds**) Blackwelder 1947: 788; Gemminger & Harold 1872: 2697; Schedl 1972f: 238; Strohmeier 1912c: 8, 1914c: 23. (**tx**) Chapuis 1865: 139; Schedl 1960c: 19, 1972f: 238; Strohmeier 1912c: 8, 1914c: 23.
- beaveri** Browne 1975: 306 in Beaver & Browne. Holotype ♂; Thailand: Chiang Mai, Doi Pui, 1600 m; BMNH, London.
- Distribution: Asia (Thailand).
- Hosts: *Castanopsis* sp., *Quercus* sp.
- References: (**tx**) Beaver & Browne 1975: 306.
- beilschmiediae** Schedl 1957d: 122. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
- Distribution: Africa (Nigeria/ Zaïre).
- Hosts: *Beilschmiedia gilbertii* var. *glabra*.
- References: (**ds**) Mayne & Donis 1962: 281; Roberts 1968: 281; Schedl 1962k: 639, 1972a: 223. (**tx**) Schedl 1957d: 120, 122, 1962k: 639, 1972f: 223, 1978b: 14.
- bellus** Schedl 1933c: 172. Holotype ♂; Argentina, San Ignacio, Alto Parana; Schedl Collection in NHMW, Wien.
- Distribution: Antilles Islands (Cuba/ Guadeloupe), North America (Mexico), South America (Argentina/ Bolivia/ Brazil/ Colombia/ Paraguay).
- Notes: (3) This is a southern South American species; records from the Antilles Islands and from North America may represent interceptions or errors in identification.
- References: (**ds**) Blackwelder 1947: 788; Santoro 1957b: 25; Schedl 1933c: 172. (**tx**) Schedl 1933c: 172, 1936c: 237, 1936e: 51, 1937d: 39, 1948d: 38, 1952a: 446, 1958f: 35, 1960c: 26, 1972f: 233 (error), 1978b: 14; Wood, S. L. 1973a: 52.
- virgatus* Schedl 1935h: 355. Holotype ♂; Cuba; Schedl Collection in NHMW, Wien. Synonymy: Wood 1973f: 52.
- References: (**ds**) Blackwelder 1947: 791. (**tx**) Schedl 1935h: 355–356, 1960c: 26, 1972f: 233, 1978a: 81; Wood, S. L. 1973f: 52.
- bicarinulatus** Schedl 1942a: 200. Holotype ♂; Malaya, Pahang, Frasers Hills; BMNH, London.
- Distribution: Asia (Malaya).
- References: (**ds**) Browne 1961c: 199; Schedl 1972f: 197. (**tx**) Schedl 1942a: 200, 1972f: 197, 1978a: 14.
- bicaudatulus** Schedl 1935h: 359. Holotype ♂; Venezuela; Schedl Collection.

Distribution: South America (Venezuela).

References: **(ds)** Blackwelder 1947: 788; Schedl 1972f: 213. **(tx)** Schedl 1935h: 359, 1972f: 213, 1978a: 14.

bicaudatus Browne 1981a: 134. Holotype ♂; Lavas (Borneo) to Tokyo (Japan), imported; BMNH, London.

Distribution: Indonesia (Borneo).

Hosts: *Shorea* sp.

References: **(tx)** Browne 1981a: 134.

bicolor Montrouzier 1861: 266. Syntypes?; Neu Caledonien; not located.

Distribution: New Caledonia Island.

References: **(ds)** Beeson 1938b: 295; Schedl 1972f: 242. **(tx)** Montrouzier 1861: 266; Schedl 1972f: 242.

bicorniger Schedl 1937e: 547. Syntypes ♂; Sarawak, foot of Mt. Dulit, junction of rivers Tinjar and Lejok; BMNH, London.

Distribution: Indonesia (Borneo).

Notes: (1) Schedl 1978a: 15 restricts type to BMNH, London material; the form he designated as the female of this species was later described as the male of *bihamatus* Schedl.

References: **(ds)** Schedl 1972f: 192. **(tx)** Schedl 1937e: 547, 1942a: 209, 1972f: 192, 1978a: 15.

bicornis Nunberg 1939: 219. Holotype ♀; Peru; Polischen Zoologischen Staatsmuseums, Warsaw.

Distribution: South America (Peru).

References: **(ds)** Blackwelder 1947: 788; Schedl 1972f: 238. **(tx)** Nunberg 1939: 219, 1940: 68, 1959c: 168; Schedl 1960e: 110.

bidens Schedl 1970e: 106. Holotype ♀; Brasilien, Terr. Amapa, Rio Felicio; Departamento de Zoologia, Secretaria Agricultura, Sao Paulo.

Distribution: South America (Brazil).

References: **(ds)** Schedl 1970e: 86, 1972f: 186.

(tx) Schedl 1970e: 106, 1972f: 186.

bifidus Schedl 1942a: 211. Lectotype ♂; Malaya, Pahang, Buloh F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 15.

Distribution: Asia (Malaya), Indonesia (Borneo).

Hosts: Anonaceae sp., *Canarium* sp., *Dryobalanops oblongifolia*, *Myristica* sp.

References: **(hb)** Browne 1961c: 212. **(ds)** Browne 1961a: 313, 1961c: 212; Schedl 1972f: 213. **(tx)** Schedl 1942a: 211, 1972f: 213, 1978b: 15.

biflexuosus Schedl 1962f: 163. Holotype ♂; Assam, Namchik, Lakhimpur; FRI, Dehra Dun, lost?

Distribution: Asia (Assam in India/ Malaya/ Thailand/ Vietnam).

Hosts: *Dipterocarpus obtusifolius*, *D. pilosus*, *Pinus merkusii*.

Notes: (1) The types which Schedl claimed to return never reached FRI, Dehra Dun; and in all probability are represented by the "paratypes" in the Schedl Collection. (3) Schedl 1962f: 163–164

and 1972f: 197 (cited as *Mesoplatypus beesoni* Sampson, nomen nudum, synonymy).

References: **(ds)** Beaver & Browne 1975: 306, 1978: 618; Browne 1968a: 132–133, 1970: 576, 1972b: 28; Nobuchi 1977: 127; Schedl 1972f: 197. **(tx)** Browne 1965a: 206; Schedl 1962f: 163, 1967f: 146–163, 1972f: 197, 1978b: 15.

biformis Chapuis 1865: 255. Holotype ♂; Inde, Dargeling; BMNH, London.

Distribution: Asia (Bengal, Uttar Pradesh in India/ Pakistan).

Hosts: *Pinus roxburghii*.

Notes: (3) Schedl 1971c: 388 (described female).

References: **(cn)** Beeson 1915a: 317–325; Champion 1922: 168–174, 232–246; Huque 1966; Khan 1975; Kleine 1932a: 310, 401; Pierce, W. D. 1917: 75; Stebbing 1914: 619; Troup 1916: 1–126. **(ec)** Beeson 1921b: 23; Stebbing 1914: 619. **(hb)** Beeson 1915a: 317–325, 1916: 222, 1921b: 23; Kleine 1932a: 310, 401; Stebbing 1914: 619. **(ds)** Beeson 1921b, 1941 (1961: 263); Gemminger & Harold 1872: 2697; Kleine 1932a: 310, 401; Pierce, W. D. 1917: 75; Qadri 1951a: 369, 1951c: 238; Sampson 1921: 25–26; Schedl 1971c: 164, 1972f: 184, 1974a: 88; Strohmeier 1912c: 16, 1914c: 27. **(tx)** Chapuis 1865: 255; Gardner 1932b; Nakashima 1975: 48–51; Sampson 1921: 25–26; Schedl 1933a: 402, 1960c: 48, 1971c: 388, 1972f: 184, 1978b: 15; Stebbing 1914: 619; Strohmeier 1912c: 16, 1914c: 27.

bifurcus (Schedl) 1938g: 422 (*Crossotarsus*). Syntypes ♂ ♀; Mindanao, Lanao Province, Kolambagan; Division For. Studies and Res., Bureau For., and Schedl Collection in NHMW, Wien. Figures: Nakashima 1975: 48–51.

Distribution: Asia (Burma/ Malaya/ Vietnam), Australia, Indonesia (Borneo), New Guinea, Philippine Islands (Luzon, Mindanao).

Hosts: *Balanocarpus heimii*, *Cotylelobium* sp., *Dipterocarpus grandiflorus*, *Dryobalanops aromatica*, *Endospermum malaccense*, *Hopea* sp., *Octomeles* sp., *Palaquium* sp., *Parashorea lucida*, *P. malaanan*, *Pentacme* sp., *Shorea bentongensis*, *S. bracteolata*, *S. dasyphylla*, *S. leprosula*, *S. negrosensis*, *S. parvifolia*, *S. singkawang*.

Notes: (1) Schedl 1978a: 15 (citation of holotype invalid). This was originally treated as a subspecies of *shoreanus*. (3) Schedl 1939e: 359 (var. *mutilus*, nomen nudum, an aberration).

References: **(ay)** Nakashima 1975: 6. **(cn)** Ishikura 1966. **(ec)** Nakashima 1975: 6. **(hb)** Browne 1961c: 210–211. **(ds)** Browne 1968a: 132–133; Chadwick & Nikitin 1968; Choo, Woo, & Kim 1981: 203; Ishikura 1966; Nakashima 1975: 3; Nobuchi 1977: 117, 1979a: 407; Ohno, Yoneyama, & Nakazawa 1982b: 10, 1987b: 90; Schedl 1936d: 6, 1936j: 21, 1938g: 422, 1966b: 99, 1966g: 33, 1972f: 224. **(tx)** Nobuchi 1985: 329; Schedl 1936e: 59, 1937e: 544, 1938g: 422, 1939c:

- 1, 1939e: 334, 359, 1942a: 213, 1952b: 366, 1972f: 224, 1978a: 15.
- bigramulatus** Schedl 1980d: 122. Holotype ♂; New Guinea, Wau, Morobe District; Schedl Collection in NHMW, Wien, automatic.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 224, 1980d: 122.
- bituberculatus** Schedl 1975g: 224. Holotype ♂; New Guinea, Wau, Morobe District; Schedl Collection in NHMW, Wien, preoccupied by Nunberg 1967.
References: (tx) Browne 1980f: 215; Schedl 1975g: 224; Wood, S. L. 1981: 121.
- bituberculifer** Wood 1981: 121. Holotype ♂; New Guinea, Wau, Morobe District; Schedl Collection in NHMW, Wien, automatic.
Notes: (1) This is an unneeded replacement name.
References: (tx) Wood, S. L. 1981: 121.
- jeffersi** Browne 1980f: 215. Holotype ♂; New Guinea, Wau, Morobe District; Schedl Collection in NHMW, Wien, automatic.
Notes: (1) This is an unneeded replacement name.
References: (tx) Browne 1980f: 215.
- bihamatus** Schedl 1942a: 209. Syntypes ♂; Sarawak, foot of Mt. Dulit, junction of rivers Tinjar and Lejok; BMNH, London, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Sarawak in Borneo).
Notes: (1) The male of this species was originally described as the female of *bicorniger*, an error.
References: (ds) Kolbe 1897: 285; Schedl 1972f: 193. (tx) Schedl 1937e: 547–548, 1942a: 209, 1972f: 193.
- bilobatus** Strohmeier 1911g: 234. Holotype ♂; Peru; Strohmeier Collection.
Distribution: South America (Peru).
References: (ds) Blackwelder 1947: 788; Schedl 1972f: 230; Strohmeier 1912c: 13, 1914c: 25. (tx) Lucas 1920: 522; Schedl 1952h: 72, 1972f: 230; Strohmeier 1911g: 234, 1912c: 13, 1914c: 25.
- bilobipennis** Schedl 1964g: 250. Holotype ♂; Sarawak, Semengoh; BMNH, London.
Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).
Hosts: *Shorea leprosula*, *S. parvifolia*, *S. pauciflora*.
References: (ds) Browne 1961c: 211, 1980c: 483; Schedl 1972f: 207. (tx) Schedl 1964g: 250, 1972f: 207, 1978b: 16.
- binodulus** Chapuis 1865: 130. Holotype ♀; Bresil meridional, Nova Fribourg; IRSNB, Brussels (Schedl 1960c: 17).
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 788; Gemminger & Harold 1872: 2697; Schedl 1972f: 238; Strohmeier 1912c: 8, 1914c: 23. (tx) Chapuis 1865: 130; Schedl 1934e: 211, 1960c: 17, 1972f: 238; Strohmeier 1912c: 8, 1914c: 23.
- biporus** Blandford 1896e: 109. Syntypes 6, ♂ ♀; Mexico, Guatemala: Quiche Mountains, Capetillo, San Geronimo; BMNH, London.
Figures: Blandford 1896e: pl. 4, figs. 19–20.
Distribution: North America (Guatemala/ Hidalgo, Michoacan, Veracruz in Mexico).
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 19; Ferrer 1942; Schedl 1972f: 220; Strohmeier 1912c: 13, 1914c: 25. (tx) Blandford 1896e: 109; Equihua & Atkinson 1987: 19; Schedl 1939b: 399, 1940a: 327, 1972f: 220; Strohmeier 1912c: 13, 1914c: 25; Wood, S. L. 1966a: 64.
- bipyramidus** Roberts & Morimoto 1986: 165. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthomyrtus* sp.
References: (tx) Roberts & Morimoto 1986: 165.
- bisignatus** Schedl 1962f: 164. Holotype ♂; Margherita, Lakhimpur, Assam; FRI, Dehra Dun, lost?
Distribution: Asia (Assam in India/ Malaya).
Hosts: *Shorea assamica*.
Notes: (1) None of the types studied by Schedl, including this one, had reached the FRI by 1981; Schedl's "paratype" is probably the missing type.
References: (ds) Schedl 1972f: 198. (tx) Schedl 1962f: 164, 1972f: 198, 1978b: 16.
- bispinatus** Browne 1984c: 457. Holotype ♂; Tg. Usau (West Irian) to Nagoya (Japan), imported; BMNH, London, automatic.
Distribution: New Guinea.
References: (tx) Browne 1984c: 457.
- trispinatus** Browne 1983a: 561. Holotype ♂; Tg. Usau (West Irian) to Nagoya (Japan), imported, preoccupied by Schedl 1951.
References: (tx) Browne 1983a: 561, 1984c: 457.
- biuncus** Blandford 1896b: 194. Syntypes ♂ ♀; Sumatra; BMNH, London.
Distribution: Asia (Bengal in India/ Malaya), Indonesia (Borneo, Java, Sumatra), Philippine Islands (Luzon).
Hosts: *Actinophora fragrans*, *Albizia falcata*, *Artocarpus elastica*, *Bischofia javanica*, *Cananga odorata*, *Castanospermum* sp., *Dryobalanops aromatica*, *D. biuncus*, *D. oblongifolia*, *Elaeocarpus ganitrus*, *Eusideroxylon zwageri*, *Gluta rengas*, *Heritiera fomes*, *Hevea brasiliensis*, *Millettia dehiscens*, *Pasania* sp., *Persea gratissima*, *Piarna* sp., *Schima noronhae*, *Semicarpus heterophylla*, *Tectona* sp., *Thea sinensis*, *Xylocarpus granatum*.
References: (cn) Ishikura 1966; Yunus & Hua 1980: 216. (hb) Browne 1941 (1961c: 206–207); Kalshoven 1960c: 39, 1960d: 39. (ds) Browne 1961c: 206; Choo, Woo, & Kim 1981: 202;

- Ishikura 1966: Kalshoven 1960d: 39; Murayama 1957a: 37; Nobuchi 1977: 141; Ohno, Yoneyama, & Nakazawa 1982b: 9, 1987b: 89; Schedl 1933c: 176, 1936d: 7, 1962f: 164, 1966b: 89, 1969a: 205, 217, 1972f: 208; Strohmeier 1912c: 18, 1914c: 28; Yunus & Hua 1980: 216. **(tx)** Blandford 1896b: 194; Nobuchi 1985: 329; Schedl 1935j: 1, 1937d: 42, 1941b: 416, 425, 1972f: 208; Strohmeier 1912c: 18, 1914c: 28.
- boettcheri** Schedl 1966b: 89. Holotype ♂; Philippine Is., Mindanao, Kolambugan; MNB, Berlin. Distribution: Philippine Islands (Mindanao). References: **(ds)** Schedl 1966b: 86, 1972f: 198. **(tx)** Schedl 1966b: 89, 1972f: 198, 1978b: 16.
- borneensis** Browne 1983a: 565. Holotype ♂; Lawas (Sarawak) to Nagoya (Japan), imported; BMNH, London. Distribution: Indonesia (Sarawak in Borneo). References: **(tx)** Browne 1983a: 565.
- brasilensis** Nunberg 1959c: 168. Holotype ♂; Brazil; Schedl Collection in NHMW, Wien, automatic. Distribution: South America (Brazil). References: **(ds)** Schedl 1972f: 214, 1976a: 57. **(tx)** Nunberg 1959c: 168; Schedl 1960i: 110, 1972f: 214.
- caudatus** Schedl 1933c: 169. Holotype ♂; Brazil; Schedl Collection in NHMW, Wien, preoccupied by Motschulsky 1863. References: **(ds)** Blackwelder 1947: 789. **(tx)** Nunberg 1959c: 168; Schedl 1933c: 169, 1960i: 110, 1972f: 214.
- brevicaudatus** Nunberg 1939: 232. Holotype ♂; Peru: Lima; Polischen Zoologischen Staatmuseums, Warsaw. Figures: Nunberg 1939: pl. 16, fig. 3, pl. 19, pl. 21, figs. 4, 6, pl. 22, figs. 3, 10. Distribution: South America (Peru). References: **(ds)** Blackwelder 1947: 789; Schedl 1972f: 238. **(tx)** Nunberg 1939: 232–237, 1940: 50–58; Schedl 1952h: 72, 1972f: 238.
- brevicornis** Wood 1966a: 61. Holotype ♂; Villa Mills near Cerro de la Muerte, Costa Rica, 10,000 feet; Wood Collection. Figures: Wood 1966a: 60. Distribution: North America (Costa Rica). Hosts: *Brunellia costaricensis*. References: **(ds)** Equihua & Atkinson 1987: 19; Schedl 1972f: 220. **(tx)** Equihua & Atkinson 1987: 19; Wood, S. L. 1966a: 60–61.
- brevi** Browne 1975: 306 in Beaver & Browne. Holotype ♂; Thailand: Nakhon Ratchasima, Khao Yai; BMNH, London. Distribution: Asia (Thailand). Hosts: Tree. References: **(tx)** Beaver & Browne 1975: 306–307.
- brownei** Schedl 1979j: 128. Holotype ♂; Malaysia: Penang, Telok Bahang; BMNH, London, automatic. Figures: Browne 1977b: 370 (male declivity). Distribution: Asia (Malaya). References: **(tx)** Schedl 1979j: 128.
- pusillus** Browne 1977b: 370. Holotype ♂; Malaysia: Penang, Telok Bahang; BMNH, London, preoccupied by Schedl 1952. References: **(ds)** Beaver & Browne 1978: 620; Mayne & Donis 1962: 286. **(hb)** Beaver & Browne 1978: 620. **(tx)** Browne 1977b: 370; Schedl 1979j: 128.
- brunneus** Chapuis 1865: 228. Holotype ♂; Bresil, Para; BMNH, London (Schedl 1960c: 42). Distribution: South America (Brazil/Cayenne). References: **(ds)** Blackwelder 1947: 789; Gemminger & Harold 1872: 2697; Schedl 1972f: 218; Strohmeier 1912c: 14, 1914c: 26. **(tx)** Chapuis 1865: 228; Schedl 1936c: 240, 1939j: 565, 1948f: 283, 1960c: 42, 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.
- burmanus** (Sampson) 1923c: 72 (*Crossotarsus*). Holotype ♂; Burma; BMNH, London. Distribution: Asia (Burma). References: **(ds)** Beeson 1937: 90–92; Schedl 1972f: 236. **(tx)** Beeson 1937: 90–92; Sampson 1923c: 2; Schedl 1936e: 46, 1939b: 398, 1972f: 236.
- caelestis** Roberts & Morimoto 1986: 165. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London. Distribution: New Guinea. Hosts: *Xanthomyrtus* sp. References: **(tx)** Roberts & Morimoto 1986: 165.
- calamus** Blandford 1894d: 137. Syntypes 16 ♂; Miyanoshta, Oshima, Kiushiu (Higo, Yuyama, etc.), Japan; BMNH, London. Figures: Nakane et al. 1963: pl. 192, Nakashima 1975: 24, Nobuchi 1973b: pl. 2. Distribution: Asia (Fujian in China/ Japan/ Korea/ Taiwan). Hosts: *Aesculus turbinata*, *Castanopsis cuspidata* var. *sieboldii*, *Cleycla japonica*, *Daphniphyllum glaucescens*, *Fagus crenata*, *Ilex* sp., *Machilus thunbergii*, *Meliosoma myriantha*, *Prunus* sp., *Quercus crispula*, *Q. gilva*, *Q. glauca*, *Q. myrsinaefolia*, *Q. stenophylla*. Notes: (3) Murayama 1925b: 232 (described female). References: **(ay)** Nakashima 1972, 1975: 4, 1978. **(cn)** Anonymous 1980g; Kleine 1932a: 402; Shiraki 1952. **(ec)** Inouye et al. 1955: 120; Nakashima 1972, 1975: 4, 1978; Yasumatsu & Watanabe 1965: 70. **(hb)** Inouye et al. 1955: 120; Kleine 1932a: 402; Murayama 1931b: 196; Nakashima 1972. **(ds)** Anonymous 1980g; Blandford 1894c; Choo 1983: 32; Choo & Woo 1985: 163; Kleine 1932a: 402; Ko 1969: 273; Murayama 1929a: 673, 1931b: 196, 1934f: 136, 1936a: 138, 1937c: 579, 1949c:

- 104, 1950b: 1300, 1953: 25, 1954b: 187; Nakane et al. 1963: 384; Nakashima 1975: 3; Nobuchi 1973b: 11; Schedl 1972f: 209; Shiraki 1952; Stroh-meyer 1912c: 18, 1914c: 28. **(tx)** Blandford 1894d: 137; Choo 1983: 32; Murayama 1925b: 214, 232, 235, 1936a: 138–139, 1950b: 1300, 1954b: 187; Nakane et al. 1963: 384, pl. 192; Nakashima 1975: 24–27; Nobuchi 1973b: 11, pl. 2; Schedl 1934f: 1647, 1941b: 416, 1972f: 209; Stroh-meyer 1912c: 18, 1914c: 28.
- calamus fukiensis* Schedl 1941a: 43. Holotype ♂; Fukien, Kuatun; Schedl Collection in NHMW, Wien (Schedl 1978a: 17).
References: **(ds)** Schedl 1972f: 209. **(tx)** Schedl 1941a: 43, 1972f: 209, 1978a: 17.
- caledoniae* Schedl 1974d: 466. Holotype ♂; Ouenarou, N. Caledoniae; Centre Technique Forestier Tropical, Nogent-Sur-Marne, France. Distribution: New Caledonia Island, New Guinea. Hosts: Kaori.
Notes: (3) Schedl 1975f: 382 (described female).
References: **(ds)** Schedl 1979b: 158. **(tx)** Schedl 1974d: 466, 1975f: 382, 1978b: 17.
- caligatus* Schedl 1972g: 76. Holotype ♂; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1972g: 76, 1978b: 17.
- calignosus* Schedl 1936e: 58. Syntypes ♂; Mt. Makiling, Laguna, Luzon, Philippine Islands; Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands (Luzon).
Hosts: *Displodiscus paniculatus*.
Notes: (1) Schedl 1978a: 17 (citation of holotype invalid).
References: **(ds)** Schedl 1966b: 91, 1972f: 227. **(tx)** Nobuchi 1985: 329; Schedl 1936e: 58, 1972f: 227, 1978a: 17.
- canaliculatus* Schedl 1942a: 199. Syntypes ♂; Malaya, Pahang, Bt. Kajang; BMNH, London.
Distribution: Asia (Malaya).
Hosts: *Dialium* sp.
Notes: (1) Schedl 1978a: 18 (types restricted to BMNH series).
References: **(ds)** Browne 1961c: 199; Schedl 1972f: 198. **(tx)** Schedl 1942a: 199, 1972f: 198, 1978a: 18.
- candezei* Chapuis 1865: 257. Syntypes 4 ♂, 1 ♀; Borneo, Malacca; BMNH, London (Schedl 1960c: 49).
Distribution: Asia (Malaya/ Singapore), Indonesia (Borneo, Malacca).
References: **(hb)** Browne 1941, 1961c: 198–199. **(ds)** Browne 1961c: 198–199, 1980a: 371; Gem-minger & Harold 1872: 2697; Sampson 1919: 107, 1928b: 394; Schedl 1971f: 150, 1972f: 184; Stroh-meyer 1912c: 16, 1914c: 27. **(tx)** Chapuis 1865: 257; Sampson 1919: 107, 1928b: 394; Schedl 1939b: 398, 1960c: 49, 1972f: 184; Stroh-meyer 1912c: 16, 1914c: 27.
- capitilanus* Roberts & Morimoto 1986: 166. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Macaranga* sp.
References: **(tx)** Roberts & Morimoto 1986: 166.
- capito* Browne 1984f: 60. Holotype ♂; New Guinea: Morobe District, Mount Kaindi, 2350 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Cinnamomum* sp., *Nothofagus carrii*.
References: **(tx)** Browne 1984f: 60.
- caravanis* Schedl 1948d: 39. Lectotype ♂; Bolivia, Nor Yungas, Caranavi; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: **(ds)** Schedl 1972f: 238. **(tx)** Schedl 1948d: 39, 1952a: 445, 1972f: 238, 1978a: 18.
- carbonescens* (Beeson) 1937: 100 (*Crossotarsus*). Syntypes ♂ ♀; Queensland: Gargarra; FRI, Dehra Dun.
Distribution: Australia (Queensland).
Hosts: *Beilschmidia bancroftii*.
References: **(ds)** Browne 1981a: 126; Nobuchi 1977: 131; Schedl 1966g: 36, 1972f: 206, 1975f: 352. **(tx)** Beeson 1937: 100–101; Schedl 1972f: 206.
- carduus* Schedl 1936c: 238. Lectotype ♂; Guyane Francaise, Nouveau Chantier; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 18.
Distribution: South America (Cayenne).
References: **(ds)** Blackwelder 1947: 789; Schedl 1972f: 219. **(tx)** Schedl 1936c: 238, 1972f: 219, 1978a: 18.
- carinifer* Schedl 1970e: 106. Holotype ♂; Bolivien, Chapare; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: **(ds)** Schedl 1972f: 238. **(tx)** Schedl 1970e: 106–107, 1972f: 238, 1978b: 18.
- carinifrons* Schedl 1965b: 87. Holotype ♂; Venezu-ela, La Macuy [La Mucuy]; Schedl Collection in NHMW, Wien.
Distribution: South America (Venezuela).
Hosts: *Acacia decurrens*.
References: **(ds)** Schedl 1972f: 218. **(tx)** Schedl 1965b: 87, 1972f: 218, 1978b: 18.
- caryophyllatus* Schedl 1941c: 357. Syntypes ♂ ♀; Ema (Peninsula Leitimor), Amboina; Kalshoven Collection, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Amboine Island).
Hosts: *Eugenia aromatica*, *E. caryophyllata*.
Notes: (1) Schedl 1978a: 18 (citation of holotype invalid).
References: **(hb)** Kalshoven 1960c: 36. **(ds)** Kal-shoven 1960c: 36; Schedl 1972f: 188. **(tx)** Schedl 1941c: 357, 1972f: 188, 1978a: 18.

castigatus (Schedl) 1936e: 47. (*Crossotarsus*).
Lectotype ♂: N. Guinea S.E., Moroka, 1300 m;
Schedl Collection in NHMW, Wien, designated
by Schedl 1975a: 19.

Distribution: New Guinea.

Notes: (1) Schedl 1972f: 237 (to *Platypus*). (3)
Schedl 1942c: 198 (described female).

References: (ds) Schedl 1972f: 237. (tx) Schedl
1936e: 47–48, 1942c: 198, 1972f: 237, 1978a: 19.

caviceps Broun 1880: 541. Holotype ♀; Tairua,
New Zealand; Broun Collection.

Figures: Milligan 1979: fig. 5.

Distribution: New Zealand.

Hosts: Recorded as *Fagus* sp., now [= *Nothofagus* sp.].

References: (bv) Milligan 1974, 1982a; Ytsma 1986,
1988, 1989. (cn) Milligan 1974, 1979, 1982a; Ytsma
1989. (ec) Milligan 1974; Ytsma 1989; Zervos 1980.
(hb) Milligan 1970a: 61–62, 1979; Neumann &
Harris 1974: 135. (ds) Hutton 1904: 219; Milligan
1979; Schedl 1972f: 198; Strohmeier 1912c: 19,
1914c: 28. (tx) Broun 1880: 541–542; Milligan
1979: fig. 5; Schedl 1939b: 401, 1972f: 198; Stroh-
meyer 1912c: 19, 1914c: 28. (ms) Ytsma 1986.

lobatus Broun 1893: 1253. Syntypes?; New Zea-
land; Broun Collection. Synonymy: Schedl
1939b: 401, 1972f: 198.

References: (ds) Gemminger & Harold 1872:
2699; Hutton 1904: 219; Strohmeier 1912c:
19, 1914c: 29. (tx) Broun 1893: 1253; Schedl
1939b: 401, 1952a: 443, 1972f: 198; Stroh-
meyer 1912c: 19, 1914c: 29.

carus Strohmeier 1913: 163. Syntypes ♂ ♀; Nilgiri
Hills; presumably Strohmeier Collection.

Distribution: Asia (Bhutan/ Burma/ Cambodia/
Assam, Tamil Nadu in India/ Malaya/ Pakistan/
Thailand/ Tonkin Island in Vietnam and Vietnam),
Indonesia (Bali, Borneo, Java, Sumatra, Sumba),
Philippine Islands.

Hosts: *Albizia lucida*, *Amoora rohituka*,
Alphonsea ventricosa, *Bischofia javanica*, *Bombax
malabaricum*, *Castanopsis tribuloides*, *Dalbergia
assamica*, *D. latifolia*, *Diospyros pseudo-evenum*,
Dipterocarpus pilosus, *Dysoxylum* sp., *Ehretia
acuminata*, *Ficus glomerata*, *Gluta travancorica*,
Hevea brasiliensis, *Lagerstroemia parviflora*,
Mallotus albus, *Meliosma simplicifolia*, *Mesua
ferrea*, *Michelia oblonga*, *Nauclea excelsa*, *Nyssa
javanica*, *Pinus merkusii*, *Podocarpus imbricata*,
Pometia pinnata, *Salmalia malabarica*, *Schima
noronhae*, *S. wallichii*, *Shorea robusta*, *Swietenia
macrophylla*, *Talauma hodgsoni*, *Tectona* sp., *Ter-
minalia catappa*, *Tetrameles nudiflora*, *Vatica
lanceaefolia*, *Vernonia arborea*.

Notes: (3) Schedl 1941b: 422 (review).

References: (bv) Beeson 1917. (cn) Kalshoven
1960c: 48; Mathur & Singh 1960b: 14, 1961a: 45;
Supriana et al. 1978. (hb) Beaver & Browne 1975:
307; Beeson 1916a: 223, 1917; Browne 1961c:
206; Kalshoven 1960c: 36–37. (ds) Beaver &

Browne 1975: 307; Beeson 1916a, 1961: 264;
Browne 1961c: 206, 1980d: 491; Kalshoven 1960c:
37; Mathew 1982, 1987: 188; Mathur & Singh
1960b: 14, 1961a: 45; Nunberg 1960b: 161; Nun-
berg & Chujo 1961: 358; Ohno, Yoneyama, &
Nakazawa 1982a: 5, 1982b: 10; Schedl 1962b:
187, 1962f: 165, 1964c: 305, 1965a: 430, 1966b:
91, 1971c: 368, 1971f: 150, 1972f: 209, 1975a:
453; Strohmeier 1914c: 28; Supriana et al. 1978.
(tx) Nobuchi 1985: 329; Schedl 1939c: 1, 1941b:
422, 1942a: 172, 1955d: 273, 1972f: 209; Stroh-
meyer 1913: 162–163, 1914c: 28; Wylie & Yule
1977.

cupulifer Wichmann 1914a: 413. Syntypes 2;
Rotung, India, 1400 ft., and Debrugharh,
Assam; not given. Synonymy: Schedl 1941b:
422.

References: (cn) Kleine 1932a: 310, 402;
Roonwal 1954: 47. (ec) Beeson 1921b: 23,
1923. (hb) Beeson 1923; Kleine 1932a: 310,
402. (ds) Beeson 1921b: 23, 1923, 1941 (1961:
264); Bhasin, Roonwal, & Singh 1958; Kleine
1932a: 310, 402; Roonwal 1954: 47. (tx)
Schedl 1941b: 422, 1972f: 209; Wichmann
1914a: 413–414.

celsus Roberts 1979: 84. Holotype ♂; Papua New
Guinea: 8 km south-west of Onim Hut, Mt.
Giluwe, 240 m; BMNH, London.

Distribution: New Guinea.

Hosts: *Nothofagus pullei* (living tree).

References: (tx) Roberts 1979: 84.

chevrolati Chapuis 1865: 281. Syntypes; de la Nou-
velle Guinee et l'île Waigiu; 4 ♂, 2 ♀ BMNH,
London, 1 ♂, 1 ♀ IRSNB, Brussels.

Distribution: New Guinea.

Hosts: *Heritiera trifolia*.

References: (bv) Gray, B. 1974b. (cn) Wylie &
Shanahan 1975. (ec) Roberts 1980. (hb) Gray, B.
1974b; Wylie & Shanahan 1975. (ds) Browne
1980a: 372; Gemminger & Harold 1872: 2698;
Ohno et al. 1988b: 98, 1989: 65; Schedl 1936g:
515, 1962i: 73, 1968e: 264; Strohmeier 1912c:
18, 1914c: 28. (tx) Chapuis 1865: 181; Schedl
1936e: 56, 1937d: 42, 1940b: 434–435, 1941b:
417, 424, 1941e: 155, 1955b: 282, 1960c: 53,
1972f: 209; Strohmeier 1912c: 18, 1914c: 28.

chimbui Schedl 1972f: 207. Holotype ♂; New
Guinea; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1972f: 207, 1978b: 19.

chiriquensis Wood 1966a: 59. Holotype ♂; near
Cerro Punta, Chiriqui Prov., Panama, 5500 feet;
Wood Collection.

Figures: Schedl 1972f: 237, Wood 1966a: 60.

Distribution: North America (Panama).

Hosts: *Inga* sp., *Ochroma* sp.

References: (ds) Equihua & Atkinson 1987: 21;
Schedl 1972f: 238. (tx) Equihua & Atkinson 1987:

- 21; Schedl 1972f: 237–238; Wood, S. L. 1966a: 59–60.
- cicatricosus Roberts** 1989: 264. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
Hosts: *Xanthomyrtus* sp.
References: (tx) Roberts 1989: 264, 286.
- circulariceps Schedl** 1975f: 382. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Hosts: *Castanopsis accuminatissima*.
References: (tx) Schedl 1975f: 382–383.
- circularis Chapuis** 1865: 285. Holotype ♂; Ile de Waigiou; BMNH, London (Schedl 1960c: 55).
Distribution: Indonesia (Sumatra), New Guinea, Philippine Islands.
Notes: (3) Schedl 1936e: 57 (in key, described female).
References: (hb) Browne 1941. (ds) Gemminger & Harold 1872: 2698; Schedl 1972f: 227; Strohmeier 1912c: 18, 1914c: 28. (tx) Chapuis 1865: 285; Lucas 1920: 522; Schedl 1933d: 202–203, 1936e: 56–58, 1939b: 398, 1960c: 55, 1972f: 227, 1978b: 19; Strohmeier 1912c: 18, 1914c: 28.
- circumdentatus Strohmeier** 1910e: 132. Syn-types, sex?; Nilgiri Hills (India orientalis); H.L. Andrews, 1 in Strohmeier Collection.
Distribution: Asia (Karnataka, Tamil Nadu in India).
Hosts: *Machilus macrantha*.
References: (ds) Beeson 1941 (1961: 264); Schedl 1969c: 61, 1972f: 237; Strohmeier 1912c: 19, 1914c: 28. (tx) Schedl 1972f: 237; Strohmeier 1910e: 132, 1912c: 19, 1914c: 28.
- clarkei Browne** 1975b: 395. Holotype ♂; Ethiopia: 15 km E Jimma, Badabuna Forest, 1870 m; MRCB, Tervuren.
Distribution: Africa (Ethiopia).
References: (tx) Browne 1975b: 395.
- clunalis Wood** 1966a: 67. Holotype ♂; near Moravia, Cartago Prov., Costa Rica, 1500 feet; Wood Collection.
Figures: Schedl 1972f: 195, Wood 1966a: 67.
Distribution: North America (Costa Rica).
References: (ds) Equihua & Atkinson 1987: 20; Schedl 1972f: 195. (tx) Equihua & Atkinson 1987: 20; Schedl 1972f: 195; Wood, S. L. 1966a: 67.
- cluniculus Wood** 1966a: 69. Holotype ♂; Ikuribisi, British Guiana; BMNH, London.
Figures: Schedl 1972f: 195, Wood 1966a: 67.
Distribution: South America (Guyana).
Hosts: *Pouteria guianensis*.
References: (ds) Schedl 1972f: 195. (tx) Schedl 1972f: 195; Wood, S. L. 1966a: 67, 69.
- clunius Wood** 1966a: 68. Holotype ♂; Playon, Puntarenas Prov., Costa Rica, 150 feet; Wood Collection.
Figures: Schedl 1972f: 195, Wood 1966a: 67.
Distribution: North America (Costa Rica).
Hosts: *Cedrela mexicana*.
References: (ds) Equihua & Atkinson 1987: 20; Schedl 1972f: 195. (tx) Equihua & Atkinson 1987: 20; Schedl 1972f: 195; Wood, S. L. 1966a: 67–68.
- coadunatus Schedl** 1975g: 225. Holotype ♂; New Guinea, Wau; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 225, 1978b: 20.
- cognatus Roberts** 1989: 266. Holotype ♂; Papua New Guinea: Upper Manki Logging Area, Bulolo, 1800 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
Hosts: *Castanopsis* sp.
References: (tx) Roberts 1989: 266, 286.
- coleopteratus (Schedl)** 1935b: 400 (*Crossotarsus*). Holotype ♂; Philippine Islands; Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands.
References: (ds) Schedl 1966b: 91, 1972f: 237. (tx) Nobuchi 1985: 330; Schedl 1935b: 400–401, 1937d: 35, 1952b: 366, 1972f: 237, 1978a: 20.
- collaris Schedl** 1979g: 110. Holotype ♀; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1979g: 110.
- collatatus Schedl** 1936c: 245. Holotype ♂; Demerara [Guyana]; Schedl Collection in NHMW, Wien.
Distribution: South America (Guyana).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 218. (tx) Schedl 1936c: 245, 1972f: 218, 1978b: 20.
- collinus Browne** 1972c: 105. Holotype ♂; Uganda: Ruwenzori Forest; MRCB, Tervuren.
Distribution: Africa (Uganda).
Hosts: *Dombeya goetzenii*, *Macaranga* sp.
References: (tx) Browne 1972c: 105.
- comoreanus Schedl** 1969d: 15. Holotype ♂; Grande Comore: Nioumbadjou, 505 m; MNHN, Paris.
Distribution: Comoro Islands in Indian Ocean.
References: (ds) Schedl 1969d: 7, 1972f: 200. (tx) Schedl 1969d: 15–16, 1972f: 200, 1977a: 240.
- complanatus Schedl** 1936c: 245. Syntypes ♂ ♀; Guyane Française: Nouveau Chantier, Les Hattes, Charvin (Bas Maroni), St.-Laurent du Maroni; MNHN, Paris and Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne).

Notes: (1) Schedl 1978a: 20 (type restricted to MNHN, Paris material).

References: **(ds)** Blackwelder 1947: 789; Schedl 1972f: 214. **(tx)** Schedl 1936c: 242, 245, 1939b: 399, 1972f: 214, 1978a: 20.

complanus Schedl 1967d: 16. Holotype ♂: Brasilien, Nova Teutonia, Santa Catarina; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: **(ds)** Schedl 1972f: 214. **(tx)** Schedl 1967d: 16–17, 1972f: 214, 1978b: 21.

compositus Say 1824: 324. Holotype ♂: Missouri [USA]; Say Collection, lost.

Figures: Atkinson 1989c, Solomon & Payne 1986: 23. Distribution: Africa (Seychelles Islands), Antilles Islands (Puerto Rico), Madagascar, North America (Costa Rica/ Guatemala/ Mexico/ Alabama, Arkansas, Florida, Illinois, Louisiana, Maryland, Mississippi, Missouri, New York, North Carolina, South Carolina, Tennessee, Texas, Virginia, West Virginia in USA), South America (Argentina/ Brazil/ Cayenne/ Guyana/ Venezuela).

Hosts: *Carya* spp., *Cassia siamea*, *Dacrynodes excelsa*, *Diospyros* sp., *Fraxinus* sp., *Magnolia grandiflora*.

References: **(ay)** Boving & Craighead 1931; Francke-Grosmann 1956b: 292; Hopkins 1894g; Khalaf 1980: 339. **(bv)** Atkinson, Foltz, & Connor 1988; Dethier 1947. **(cn)** Anonymous 1895: 72, 1966f, 1966h; Beal & Massey 1945: 65; Beal et al. 1952: 114–115; Blackman 1950: 342–343; Chamberlin 1939: 107–111; Christian 1939: 110; Craighead 1935: 139; Creighton 1945: 706; Doane et al. 1936; Dorsey & Leach 1955: 222; Ebeling 1950: 535, 1959; Felt 1924: 275, 1926: 275, 1930a: 275; Fisher, Thompson, & Webb 1953, 1954b: 3–15; Head 1966a: 4; Herrick 1935: 375; Hopkins 1894: 277, 1896d: 250, 1897b: 151, 1904a: 39, 45, 1905: 381–398, 1907b: 2; Hubbard 1897b: 14; Kowal 1949b: 470–475; Riley 1893b: 17; Rosenfeld 1910: 216; Schuder 1969: 82; Snyder 1927: 10–12; Solomon & Payne 1986. **(ec)** Baker 1963: 222–265; Batra 1963a, 1963b: 216; Chamberlin 1925: 34, 1939: 107–111; Equihua & Atkinson 1986: 624; Felt 1906: 720; Francke-Grosmann 1956b: 292; Pierce, W. D. 1908: 380; Verrall 1941: 552, 1943: 125; Webb 1945: 75. **(hb)** Atkinson 1989c; Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 273; Beal & Massey 1945: 65; Blackman 1922b: 38–39, 1950; Chamberlin 1939: 107–111; Chittenden 1890; Deyrup & Atkinson 1987a: 64; Doane et al. 1936; Dyakowski 1911; Ebeling 1950; Equihua & Atkinson 1986: 624; Felt 1906: 720, 1926: 275, 1930a: 275; Herrick 1935: 375; Hetrick 1967; Hopkins 1894g, 1904a: 39, 45, 1905a: 384, 1907: 2, 1910: 2; Hubbard 1897a: 426, 1897b: 14; Husson 1955: 350; Ostmark 1968; Pierce, W. D. 1907: 289; Schedl 1977b: 241; Solomon & Payne 1986; White, R. E. 1983: 326. **(ds)**

Anonymous 1926c: 514, 1966f, 1966h, 1979i; Atkinson 1989c; Atkinson & Equihua 1987: 20; Atkinson et al. 1991: 153; Beal & Massey 1945: 65; Blackman 1922b: 38–39, 1950; Blackwelder 1947: 789; Blandford 1895b, 1896e; Blatchley & Leng 1916: 583; Brimley 1938: 245–248; Chamberlin 1925, 1939: 107–111; Chapuis 1865: 163–164; Chittenden 1890; Currie 1905; Deyrup & Atkinson 1987a: 64; Dozier 1918: 374; Drooz 1985: 376; Ebeling 1950, 1959; Equihua 1985: 143; Equihua & Atkinson 1986: 624, 1987: 20; Erichson 1836: 65; Felt 1926: 275, 1930a: 275; Ferrer 1942; Frost 1964: 144; Gemminger & Harold 1872: 2698; Glick 1939: 37, 70; Henshaw 1885: 147; Hoffmann 1940: 60, 1942: 12; Hopkins 1893a: 127, 1893b: 207; Kirk 1969, 1970; Leng 1920: 337; Leonard 1928: 514; Martorell 1945: 468; Melsheimer 1853: 87; Nunberg 1963: 107, 1972b: 189; Ostmark 1968; Riley 1894: 227; Riley & Howard 1891: 418; Rosewell 1920: 148; Schedl 1933c: 171, 1972f: 231, 1977b: 241, 1977d: 281; Schwarz 1878d: 468, 1882: 823; Schwerdtfeger 1960: 258–259; Staines, C. L. 1982; Strohmeier 1911f: 204, 1912c: 10, 1914c: 24; Swaine 1909: 84; Wolcott 1948: 384; Wood, S. L. 1979a: 1. **(tx)** Atkinson 1989c; Beal & Massey 1945: 65; Blackman 1922b: 38–39; Blandford 1895b: 89–94, 1896e: 106; Blatchley & Leng 1916: 583–584; Boving & Craighead 1931; Chamberlin 1939: 107–111; Chapuis 1865: 37, 163–164; Equihua & Atkinson 1987: 20; Erichson 1836: 65; Gardner 1932b: 1; Hubbard 1897b: 14; LeConte 1868: 151, 1876: 344, 1878a: 468; Sampson 1922: 141; Say 1824: 182; Schaufuss 1897: 222; Schedl 1933a: 400, 1937d: 38–39, 1939b: 399, 1940a: 324, 1955g: 48, 1960c: 25, 1961e: 128, 157, 1969d: 9, 12, 1972f: 231, 1977b: 241; Schwarz 1889b: 149; Solomon & Payne 1986: 23; Strohmeier 1911f: 204, 1912c: 10–11, 1914c: 24; Swaine 1909: 84; Wood, S. L. 1979a: 1.

tremiferus Chapuis 1865: 174. Syntypes ♂ ♀; Louisiane et de Texas; 1 ♀ in BMNH, London, 2 ♂, 2 ♀ in IRSNB, Brussels. Synonymy: LeConte 1876: 344.

References: **(cn)** Schwerdtfeger 1960b. **(ds)** Gemminger & Harold 1872: 2700; Leng 1920: 337; Sampson 1928a: 3; Schwerdtfeger 1960b: 258; Strohmeier 1912c: 13, 1914c: 25; Swaine 1909: 84. **(tx)** Chapuis 1865: 174; LeConte 1868: 151, 1876: 344; Sampson 1928a: 3; Schedl 1955g: 48, 1960c: 29, 1972f: 231; Strohmeier 1912c: 13, 1914c: 25; Swaine 1909: 84; Wood, S. L. 1979a: 1.

perfossus Chapuis 1865: 176. Syntypes ♂ ♀; de l'Amerique boreale, de la Louisiane; 1 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 29). Synonymy: LeConte 1876: 344.

References: **(ds)** Gemminger & Harold 1872: 2699; Leng 1920: 337; Strohmeier 1912c: 11, 1914c: 25; Swaine 1909: 84. **(tx)** Chapuis 1865:

- 176; LeConte 1868: 151, 1876: 344; Schedl 1960c: 29, 1972f: 231; Strohmeier 1912c: 11, 1914c: 25; Swaine 1909: 84; Wood, S. L. 1979a: 1.
- rugosus* Chapuis 1865: 176. Holotype ♂; Amerique boreale, Louisiane and Texas; IRSNB, Brussels (Schedl 1960c: 29). Synonymy: LeConte 1876: 344.
- References: (ds) Gemminger & Harold 1872: 2700; Leng 1920: 337; Strohmeier 1912c: 12, 1914c: 25; Swaine 1909: 84. (tx) Chapuis 1865: 176; LeConte 1868: 151, 1876: 344; Schedl 1960c: 29, 1972f: 231; Strohmeier 1912c: 12, 1914c: 25; Swaine 1909: 84; Wood, S. L. 1979a: 1.
- subcavifrons* Chapuis 1865: 177. Syntypes 2 ♀; de Rio-Janeiro; BMNH, London (Schedl 1960c: 29). Synonymy: Schedl 1972f: 231.
- References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Strohmeier 1912c: 13, 1914c: 25. (tx) Chapuis 1865: 177; Schedl 1960c: 29, 1972f: 231; Strohmeier 1912c: 13, 1914c: 25; Wood, S. L. 1979a: 1.
- rudifrons* Chapuis 1865: 179. Holotype ♀; de Teapa; IRSNB, Brussels (Schedl 1960c: 30). Synonymy: Schedl 1960c: 25, 30.
- References: (ds) Blackwelder 1947: 790; Ferrer 1942; Gemminger & Harold 1872: 2700; Nunberg 1963c: 107; Schedl 1933c: 172; Strohmeier 1912c: 12, 1914c: 25. (tx) Blandford 1896e: 106; Chapuis 1865: 179; Schedl 1933a: 400, 1933e: 172, 1940a: 325, 1960c: 25, 30, 1972f: 231; Strohmeier 1912c: 12, 1914c: 25; Wood, S. L. 1979a: 1.
- diegensis* Schaufuss 1897a: 222. Holotype ♀; Madagascar; Hamburg Museum, lost. Synonymy: Schedl 1972f: 231.
- References: (cn) Beaver 1988a: 70. (hb) Beaver 1988a: 70. (ds) Alluaud 1900: 441; Beaver 1988a: 70; Schedl 1969d: 9; Strohmeier 1912c: 11, 1914c: 24. (tx) Schaufuss 1897a: 222; Schedl 1961e: 157, 1972f: 231; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 1.
- foraminosus* Schedl 1933a: 400. Holotype ♀; Rio Janeiro, Brazil; BMNH, London. Synonymy: Schedl 1972f: 231.
- References: (ds) Blackwelder 1947: 789. (tx) Schedl 1933a: 400, 1972f: 231, 1978a: 30; Wood, S. L. 1979a: 1.
- concaivifrons* Schedl 1975f: 383. Holotype ♀; Karamui, Chimbu Dist., New Guinea; Schedl Collection in NHMW, Wien.
- Distribution: New Guinea.
- References: (tx) Schedl 1975f: 383.
- concentriporus* Roberts 1979: 85. Holotype ♂; Papua New Guinea: 14 km south-west of Onim Hut, Mount Giluwe, 2900 m; BMNH, London.
- Distribution: New Guinea.
- Hosts: *Schizomeria* sp.
- References: (tx) Roberts 1979: 85.
- conciliatus* Schedl 1936c: 225. Holotype ♂; Guyana; Schedl Collection in NHMW, Wien.
- Distribution: South America (Guyana).
- References: (ds) Blackwelder 1947: 789; Schedl 1972f: 238. (tx) Schedl 1936c: 225, 1972f: 238, 1978b: 21.
- concinulus* Blandford 1896e: 111. Syntypes ♂ ♀; Guatemala: Pantaleon, Zapote; BMNH, London.
- Figures: Blandford 1896e: pl. 4, fig. 23.
- Distribution: North America (Guatemala).
- References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 20; Schedl 1972f: 218; Strohmeier 1912c: 14, 1914c: 26. (tx) Blandford 1896e: 111–112; Equihua & Atkinson 1987: 20; Schedl 1936c: 244, 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.
- conjunctus* Schedl 1957d: 121. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
- Distribution: Africa (Zaire).
- Hosts: *Drypetes* spp.
- Notes: (1) This name is junior to *cupulatus conjunctus* Schedl 1941: 420; however, the senior name appears to be no more than an aberration and, as such, has no status in nomenclature (SLW).
- References: (ds) Mayne & Donis 1962: 281; Schedl 1962k: 640, 1972f: 215. (tx) Schedl 1957d: 120–121, 1962k: 640, 1972f: 215, 1978b: 21.
- connexus* Wood 1966a: 65. Holotype ♂; Volcan Irazu, Cartago Prov., Costa Rica, 7000 feet; Wood Collection.
- Figures: Schedl 1972f: 220, Wood 1966a: 67.
- Distribution: North America (Costa Rica).
- Hosts: *Quercus* sp.
- References: (ds) Equihua & Atkinson 1987: 20; Schedl 1972f: 220. (tx) Equihua & Atkinson 1987: 20; Schedl 1972f: 220; Wood, S. L. 1966a: 65–67.
- consequens* Schedl 1970e: 107. Holotype ♂; Brasilien, Amazonas, Sierra Neblina, N. Rio Cauaburi; Zoologischen Sammlungen des Bayerischen Staates, Munchen.
- Distribution: South America (Brazil).
- References: (ds) Schedl 1970e: 86, 1972f: 238. (tx) Schedl 1970e: 107–108, 1972f: 238.
- contaminatus* (Blandford) 1894d: 131 (*Crossotarsus*). Syntypes 4 ♀; Japan: Higo; BMNH, London.
- Figures: Nobuchi 1967: pl. 2, 1973b: pl. 2.
- Distribution: Asia (Fujian in China/ N India/ Japan/ Taiwan).
- Hosts: *Actinodaphne lancifolia*, *Aesculus turbinata*, *Fraxinus commemorialis*, *F. langinosa*, *F. sieboldi*, *Lindera erythrocarpa*, *Machilus thunbergii*, *Pterocarpa rhoifolia*.
- References: (ds) Blandford 1894c; Murayama 1934f: 137, 1936a: 140, 1937c: 581; Nobuchi 1967: 25, 1973b: 12, 1977: 130; Schedl 1960e:

- 173, 1972f: 200; Strohmeier 1912c: 5, 1914c: 35. (tx) Blandford 1894d: 131–132; Murayama 1936a: 146–147; Nobuchi 1967: pl. 2, 1973b: 12, pl. 2; Schedl 1934f: 1647, 1941a: 43, 1955h: 46, 1972f: 200; Strohmeier 1912c: 5, 1914c: 35.
- contextus** Schedl 1963d: 229. Holotype ♂; Bolivia tropica, Region Chapare, 400 m; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (ds) Schedl 1972f: 205. (tx) Schedl 1963d: 229, 1972f: 205, 1978b: 21.
- contractus** Chapuis 1865: 148. Holotype ♂; Colombie; IRSNB, Brussels (Schedl 1960c: 22).
Distribution: North America (Guatemala), South America (Colombia).
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 20; Gemminger & Harold 1872: 2698; Schedl 1966f: 77, 1972f: 238; Strohmeier 1912c: 8, 1914c: 23. (tx) Chapuis 1865: 148; Equihua & Atkinson 1987: 20; Schedl 1960c: 22, 1972f: 238; Strohmeier 1912c: 8, 1914c: 23.
- convexicauda** Schedl 1935n: 636. Lectotype ♂; Malaya States: Pahang, Jahit Forest Reserve; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 21.
Distribution: Asia (Malaya), Indonesia (Java).
Hosts: *Pasania sundaica*, *Quercus* sp.
References: (hb) Browne 1935a, 1941. (ds) Beeson 1941 (1961: 264); Browne 1935a, 1961c: 212; Schedl 1972f: 195. (tx) Schedl 1935n: 635–636, 1972f: 195, 1978a: 21.
- convexus** Schedl 1972g: 77. Holotype ♂; Surinam, Moengo; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil/ Suriname).
References: (ds) Schedl 1972f: 187, 1976a: 57. (tx) Schedl 1972f: 187, 1972g: 77, 1978a: 21.
- cordiger** Chapuis 1865: 275. Holotype ♀; de la presqu'île de Malacca (Singapour) et de Borneo (Sarawak); IRSNB, Brussels (Schedl 1960c: 52).
Distribution: Asia (Andaman Islands in India/ Malaya/ Singapore/ Vietnam), Indonesia (Borneo), New Guinea.
Hosts: *Diospyros pyrrocarpa*, *Dipterocarpus indicus*, *D. turbinatus*, *Dysoxylum* sp.
References: (cn) Ishikura 1966. (hb) Browne 1941. (ds) Beeson 1941 (1961: 264); Browne 1961c: 213; Gemminger & Harold 1872: 2698; Ishikura 1966; Schedl 1972f: 186, 1974c: 262; Strohmeier 1912c: 17, 1914c: 28. (tx) Chapuis 1865: 275; Lucas 1920: 522; Schedl 1939b: 399, 1941c: 365, 1960c: 52, 1972f: 186; Strohmeier 1912c: 17, 1914c: 28. (ms) Lucas 1920: 522.
- cordiger bifrons** Chapuis 1865: 276. Syntypes ♀; Borneo (Sarawak); BMNH, London.
References: (ds) Sampson 1928b: 394; Schedl 1972f: 186. (tx) Chapuis 1865: 275–276; Sampson 1928b: 394; Schedl 1972f: 186.
- corniventris** Schedl 1968f: 536. Holotype ♂; New Guinea, River Tor (mouth), 4 km E Hol Maffen; BPBM, Honolulu.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 100. (tx) Schedl 1968f: 535–537, 1972f: 100, 1978a: 21.
- cornutus** Schedl 1942a: 208. Holotype ♂; Borneo; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 190. (tx) Schedl 1942a: 208, 1972f: 190, 1978b: 21.
- coronatus** Schedl 1933c: 170. Holotype ♀; Costa Rica, Vara Blanca, 1700 m; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
Hosts: *Alnus acuminata*, *Brannelia costaricensis*.
Notes: (3) Schedl 1939k: 720 (described male).
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 20; Schedl 1933c: 170, 1972f: 205. (tx) Equihua & Atkinson 1987: 20; Schedl 1933c: 170, 1939k: 720–722, 1972f: 205, 1978b: 21; Wood, S. L. 1966a: 57, 1966b: 17.
- platyurius** Schedl 1933c: 176. Holotype ♂; Costa Rica, Santiago, 1080 m; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 17.
References: (ds) Blackwelder 1947: 790. (tx) Schedl 1933c: 176, 1972f: 205; Wood, S. L. 1966b: 17.
- costaricensis** Schedl 1936i: 101. Holotype ♂; Costa Rica; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 21; Schedl 1972f: 231. (tx) Equihua & Atkinson 1987: 21; Schedl 1936i: 101–102, 1972f: 231, 1978b: 22.
- costipennis** Schedl 1933a: 398. Holotype ♂; Mexico (Truqui); BMNH, London.
Distribution: North America (apparently Mexico in Mexico).
Notes: (3) Because Truqui collected on the slopes of Volcan Popocatepetl, it is presumed that the type locality was near there; the Truqui notes are at BMNH, London.
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 21; Ferrer 1942; Schedl 1972f: 238. (tx) Equihua & Atkinson 1987: 21; Schedl 1933a: 398–400, 1940a: 324, 1972f: 238.
- crassicornis** Schedl 1975f: 384. Holotype ♂; Mt. Kaindi, M. District, New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Hosts: *Ardisia* sp.
References: (tx) Schedl 1975f: 384.
- inversus** Roberts 1979: 88. Holotype ♂; Papua New Guinea: 8 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London. Sononymy: Roberts 1989: 285.
References: (tx) Roberts 1979: 88, 1989: 285.

crassiusculus Schedl 1935j: 3. Holotype ♂; Sumatra, Medan; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Sumatra).
References: (ds) Schedl 1935j: 3, 1972f: 193. (tx) Schedl 1935j: 3, 1972f: 193, 1978a: 22.

crassus Strohmeier 1913: 162. Holotype ♂; Brit. New Guinea: Aroa Fluss; SMTD, Dresden.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 193; Strohmeier 1914c: 29. (tx) Schedl 1935j: 3, 1936e: 53, 1940b: 435, 1972f: 193; Strohmeier 1913: 162, 1914c: 29.

cribricollis Blandford 1896e: 108. Syntypes 2 ♂; Panama, Bugaba; BMNH, London.
Figures: Blandford 1896e: pl. 4, fig. 18.
Distribution: North America (Panama).
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 21; Schedl 1972f: 231; Strohmeier 1912c: 11, 1914c: 24. (tx) Blandford 1896e: 108–109; Equihua & Atkinson 1987: 21; Schedl 1972f: 231; Strohmeier 1912c: 11, 1914c: 24.

cupulatus Schedl 1941b: 420. Syntypes ♂ ♀; Sumatra, Indragiri; Kalshoven Collection and Schedl Collection in NHMW, Wien.
Distribution: Asia (Burma/ Andaman Islands in India/ Malaya/ Vietnam), Indonesia (Borneo, Java, Malacca, Sumatra, Sunda Islands), New Guinea, Philippine Islands.
Notes: (1) Schedl 1978a: 22 (citation of holotype invalid).
References: (cn) Supriana et al. 1978. (hb) Browne 1961c: 204. (ds) Browne 1986b: 333; Ohno, Yoneyama, & Nakazawa 1987b: 89; Schedl 1972f: 209, 1975c: 384, 1975e: 452, 1975j: 294, 1978a: 22, 1979h: 158; Supriana et al. 1978. (tx) Schedl 1941b: 420, 1972f: 209, 1978a: 22.

cupulatus piceus Schedl 1941b: 419. Holotype ♂; Malaya: Pahang, Bukit F.R.; Schedl Collection in NHMW, Wien.
References: (hb) Browne 1961c: 203. (ds) Schedl 1941b: 419, 1972f: 209. (tx) Schedl 1972a: 209, 1978a: 22.

cupulatus conjunctus Schedl 1941b: 420. Holotype ♂; Malayische Halbinsel; Schedl Collection in NHMW, Wien.
Notes: (3) This may be no more than an aberration.
References: (hb) Browne 1961c: 203. (ds) Schedl 1972f: 209. (tx) Schedl 1941b: 420–421, 1972f: 209, 1978a: 22.

cupulatus Chapuis 1865: 278. Syntypes 2 ♂, 1 ♀; de l'île de Borneo, Sarawak; BMNH, London (Schedl 1960c: 52).
Distribution: Asia (Bhutan/ Burma/ Hainan Island in China/ Andaman Islands, Tamil Nadu in India/ Malaya/ Sri Lanka/ Thailand/ Tonkin Island in Vietnam), Australia (Victoria), Hawaiian Islands, Indonesia (Malacca, Sarawak in Borneo, Sumatra, Sunda Islands), New Guinea, Philippine Islands (Luzon).

Hosts: *Agathis alba*, *Agave sisalana*, *Albizia falcata*, *Alstonia* sp., *Artocarpus* sp., *Austrobuscus nitidus*, *Bombax malabaricum*, *Coclostegia griffithii*, *Croton* sp., *Dipterocarpus pilosus*, *Dolichandrone stipulata*, *Dryobalanops oblongifolia*, *Durio carinatus*, *Dyera costulata*, *Elaeocarpus ganitrus*, *Endospermum malaccense*, *Enterolobium saman*, *Eugenia glomerata*, *E. jambolana*, *Eusideroxylon zwageri*, *Ficus glomerata*, *Garcinia* sp., *Hevea brasiliensis*, *Intsia palenbanica*, *Ixonanthes reticulata*, *Lannua grandis*, *Palaquium* sp., *Parkia speciosa*, *Persea gratissima*, *Polyosma* sp., *Pterocarpus dalbergioides*, *Shorea guiso*, *S. leprosula*, *S. maxwelliana*, *S. ovalis*, *S. robusta*, *S. uliginosa*, *Styrax benzoin*, *Swintonia floribunda*, *Tectona grandis*, *Terminalia belerica*, *T. catappa*, *Vatica staphiana*, *Xylia dolabriformis*.

References: (ay) Strohmeier 1918: 8. (bv) Beeson 1917; Meixner 1937: 1217. (cn) Beeson 1916: 1–5; Browne 1935b: 182–186, 1938b: 77–86, 1949e; Corbett & Gater 1926b: 261; French 1911; Kalshoven 1960d: 49; Kleine 1932a: 310, 402; Leefmans 1927: 1–60; Mathur & Singh 1960a: 34, 1960b: 43, 1961a: 45, 1961b: 13; Pierce, W. D. 1917: 218; Stebbing 1914: 626; Yunus & Hua 1980: 216. (ec) Beeson 1921b; Browne 1958b; Fuller 1958: 100; Speyer 1923: 11–23; Stebbing 1914: 626. (hb) Beaver & Browne 1978: 618; Beeson 1916a: 223, 1917; Browne 1935a, 1941, 1958b, 1961c: 203–204; Kalshoven 1960c: 36; Kleine 1932a: 310, 402; Mercer 1982: 210; Speyer 1923: 23; Stebbing 1914: 626. (ds) Beaver & Browne 1975: 307, 1978: 618; Beeson 1916a: 223, 1921b: 23, 1961: 264; Browne 1935a, 1961c: 203–204, 1980b: 381; Corbett & Gater 1926b: 261; French 1911; Gemminger & Harold 1872: 2698; Kalshoven 1960d: 37; Kleine 1932a: 310, 402; Mathur & Singh 1960a: 34, 1960b: 43, 1961a: 45, 1961b: 13; Mercer 1982: 210; Murayama 1936b: 113; Nobuchi 1977: 135; Ohno, Yoneyama, & Nakazawa 1982b: 10, 1987b: 89; Pierce, W. D. 1917: 218; Sampson 1928b: 391; Schedl 1935k: 479–489, 1936d: 7, 22, 1936g: 515, 1936j: 22, 1937f: 15, 1959c: 168, 1961c: 70, 1962b: 187, 1962f: 165, 1964c: 304, 1965g: 24, 1966b: 92, 1966g: 33, 1969e: 156, 1971c: 367, 1971f: 150, 1972f: 209, 1974c: 262, 1975a: 452; Strohmeier 1911f: 204, 1912c: 18, 1914c: 28; Yunus & Hua 1980: 216. (tx) Browne 1955: 368; Chapuis 1865: 278; Lea 1910: 135; Lucas 1920: 522; Meixner 1937: 1217; Nobuchi 1985: 329; Sampson 1928b: 391; Schedl 1935n: 635, 1936e: 56, 1937d: 41, 1939b: 394, 1939c: 1, 1941b: 419, 1942a: 172, 1952b: 366, 1953b: 124, 1953c: 291, 1954a: 145, 1958b: 102, 1960c: 53, 1972f: 209; Stebbing 1914: 626; Strohmeier 1911f: 204, 1912c: 18, 1913: 162, 1914c: 28; Wylie & Yule 1977. (ms) Lucas 1920: 522.

cupulatus blumi Schedl 1979h: 158. Syntypes

♂ ♀; Ostliche Neu Guinea, 4.25–4.30 S, 140 Long., Eipone-Tal, Murggona; Schedl Collection in NHMW, Wien.

References: (tx) Schedl 1979h: 158.

curtatus Sampson 1923b: 286. Syntypes ♂ ♀; Panglhora Block, Upper Tondou, India; BMNH, London.

Distribution: Asia (Assam, Bengal in India).

Hosts: *Anoora wallichii*, *Artocarpus lakoocha*, *Beilschmiedia sikkimensis*, *Eugenia jambolana*, *Girtona jentinsiana*, *Machilus odoratissimus*, *Quercus lamellosa*, *Shorea robusta*, *Tetrameles nudiflora*, *Vatica lanceaefolia*.

References: (cn) Mathur & Singh 1961a: 45, 1961b: 46; Roonwal 1954: 66. (ds) Beeson 1961: 264; Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1961a: 45, 1961b: 46; Roonwal 1954: 66; Schedl 1962f: 165. (tx) Sampson 1923b: 286; Schedl 1972f: 185.

curtus Chapuis 1865: 261. Syntypes ♂; de la presqu'île de Malacca (Singapour), et de l'île de Borneo (Sarawak); 1 in BMNH, London.

Distribution: Asia (Burma/ Fujian in China/ Assam in India/ Malaya/ Singapore/ Taiwan/ Thailand/ Vietnam), Australia (Queensland), Indonesia (Borneo, Sumatra), Philippine Islands.

Hosts: *Balanocarpus heimii*, *Dipterocarpus baudii*, *D. crinitus*, *Dryobalanops aromatica*, *D. camphora*, *Durio carinatus*, *Endospermum malaccense*, *Hopea odorata*, *Intsia palembanica*, *Koompassia excelsa*, *Parashorea lucida*, *Shorea bentongensis*, *S. fauetiana*, *S. leprosula*, *S. parviflora*, *S. robusta*, *S. pauciflora*, *S. sericeiflora*, *S. uliginosa*, *Swintonia floribunda*.

References: (ay) Nakashima 1975: 5. (bv) Beeson 1917. (cn) Beeson 1915: 8–11, 1916: 1–5; Halperin & Menier 1981; Ishikura 1966; Kleine 1932a: 310, 402; Mathur & Singh 1960b: 5, 1961a: 38; Pierce, W. D. 1917: 194; Sen-Sarma & Thakur 1986: 37; Stebbing 1914: 624; Yunus & Hua 1980: 216. (ec) Beeson 1921b: 24, 1923; Browne 1958b; Nakashima 1975: 5; Stebbing 1914: 624; Thompson, W. R. & Simmonds 1964: 34, 1965: 30. (hb) Beaver & Browne 1978: 619; Beeson 1916a: 222, 1917, 1923; Browne 1935a, 1941, 1958b, 1961c: 199–200; Kalshoven 1960c: 36; Kleine 1932a: 310, 402; Mercer 1982: 210; Stebbing 1914: 624. (ds) Beaver & Browne 1978: 619; Beeson 1916a: 222, 1921b: 24, 1923, 1961: 264; Browne 1935a, 1961a: 312, 1961c: 199–200, 1966: 237, 1968a: 133; Choo, Woo, & Kim 1981: 202; Gemminger & Harold 1872: 2698; Halperin & Menier 1981; Ishikura 1966; Kalshoven 1960d: 36; Kleine 1932a: 402, 310; Mathur & Singh 1960b: 57, 1961a: 38; Mercer 1982: 210; Nakashima 1975: 3; Nobuchi 1967: 26, 1977: 118, 1980a; Ohno, Yoneyama, & Nakazawa 1982b: 10, 1987a: 95, 1987b: 89; Pierce, W. D. 1917: 194; Sampson 1928b: 394; Schedl 1936d: 7, 1953f: 83, 1959c:

168, 1964f: 305, 1964i: 249, 1966b: 92, 1966g: 33, 1971f: 150; Strohmeier 1912c: 17, 1914c: 27; Yunus & Hua 1980: 216. (tx) Browne 1955: 369; Chapuis 1865: 261; Nakashima 1975: 42–47; Nobuchi 1985: 328; Sampson 1928b: 394; Schedl 1935k: 488, 1935n: 635, 1939b: 398, 1941a: 43, 1942a: 172, 1950g: 895–896, 1952b: 365, 1955h: 46, 1960c: 49–50, 1972f: 185, 1978b: 22; Stebbing 1914: 624; Strohmeier 1912c: 17, 1914c: 27.

curtus arcturus Schedl 1960c: 50. Syntypes ♂ ♀; Fukien, Kuatun, 27.40 nBr., oL. 21, 22, 23 [China]; Schedl Collection, and Alexander Konig Museum, Bonn.

Notes: (1) Schedl 1978a: 23 (citation of holotype invalid).

References: (ds) Schedl 1962f: 165, 1964c: 262, 1972f: 185. (tx) Schedl 1960c: 50, 1972f: 185, 1978a: 23.

curvidens Schedl 1939k: 719. Holotype ♂; Costa Rica, Hamburgfarm, [Rio] Reventazon, Ebene Limon; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica).

References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 21; Schedl 1972f: 238. (tx) Equihua & Atkinson 1987: 21; Schedl 1939k: 719, 1972f: 238, 1978a: 23.

cuspidatus Schedl 1963d: 229. Holotype ♂; Argentinien: Tucuman, Siambon; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

References: (ds) Schedl 1972f: 205. (tx) Schedl 1963d: 229, 1972f: 205, 1978a: 23.

* **cylindricus Burmeister** 1831: 1100. Holotype, sex?; Baltischer Bernstein, Lower Oligocene; not located.

Distribution: Europe (fossil in Lower Oligocene Baltic amber).

References: (hb) Rupertsberger 1879: 231, 1880: 232. (ds) Kugelann 1794: 526. (tx) Burmeister 1831: 1100; Latreille 1807: 277; Kugelann 1794: 526; Olivier 1795b: 4; Rupertsberger 1879: 231, 1880: 232.

cylindrus (Fabricius) 1792: 364 (*Bostrichus*). Syntypes 2 ♂; Germaniae; UZMC, Copenhagen.

Figures: Acatay 1960: 12, Balachowsky 1949a: 23, 274, 277, 1963b: 1290, Bevan 1987: 116, Duffy 1953: 17, Hickin 1963: 257, Louzil 1961: 108, Pfeffer 1989a: pls. 1, 14, Postner 1974: 484.

Distribution: Africa (Algeria/ Egypt/ Libya/ Morocco/ Tunisia), Asia (Iran/ Turkey), Europe (Austria/ Belgium/ Bulgaria/ Czechoslovakia/ Denmark/ England/ France/ Germany/ Greece/ Hungary/ Italy/ Netherlands/ Norway/ Poland/ Portugal/ Romania/ Sardinia/ Spain/ Sweden/ Switzerland/ Caucasus, Ukraine in W USSR/ Yugoslavia).

Hosts: *Castanea vesca*, *Cerasus avium*, *Fagus orientalis*, *F. silvatica*, *Fraxinus* spp., *Phytophthora cambivora*, *Prunus* spp., *Quercus* spp.

- References: **(ay)** Baker, J. M. 1960b, 1965a; Baker, J. M. & Kreger-Van Rij 1964: 433–441; Chapman 1904; Crowson 1938; Dudich 1922: 1–8; Escherich 1923b: 638; Francke-Grosmann 1956b; Fuchs 1912a; Mamaev & Semenova 1961; Menier 1976: 348; Numberg 1928a: 144; Parkin 1943: 64; Roberts 1961c. **(bv)** Baker, J. B. 1956b, 1960b; Espanol 1967a; Menier 1976: 348. **(cn)** Acloque 1914; Androic 1966: 46; Anonymous 1940b: 9, 1966c, 1972c; Barbey 1901: 115; Becker, G. 1950; Bletchley 1962, 1964; Boocock 1959a, 1959d; Breschke 1954: 104; Browne 1952, 1968b: 570; Cermak 1938; Eckstein 1926: 579; Escherich 1916: 272–273, 1923b: 638, 1936; Fagel & Guillaume 1945; Falck 1916; Fisher 1933, 1937a, 1954a, 1954b; Gabler 1955; Gebien 1857b: 42, 63; Georgescu et al. 1957: 357, 427; Goidanich & Goidanich 1934; Groschke 1953b, 1954b: 107; Hess 1900: 56; Hess & Beck 1927: 348; Jacquist 1951a: 1, 1951b; Joly 1953, 1956: 192, 1960; Jones 1959a; Judeich & Nitsche 1895: 546; Kamp 1954: 6; Kholodkovskii 1912: 287, 323; Kleine 1932a: 310, 401; Kollar 1849b: 3; Konig, E. 1957: 113; Lapeyronie 1948: 274; Lucas 1880: 26; Maksimovic 1959: 3–13; Marcu 1962; Marie 1922: 306–311; Novak, V., Hrozinka, & Stary 1976: 88; Nusslin 1913: 292; Petrovic 1960: 23; Pierce, W. D. 1917: 154; Reissig 1949: 131; Rhumbler 1922: 335, 1927: 352; Roberts 1961c; Schimitschek 1937c: 61, 1944: 227, 1955a: 136, 1955c: 94, 1961a: 154; Schwerdtfeger 1944a: 185, 1957a: 191; Sinreich 1961: 166; Strohmeier 1906b: 329; Thalenhorst 1950: 90; Vrydagh 1947a: 8; Wachtl 1901: 382; Weber, W. 1926: 581; Weber, T. 1965; Wichmann 1927b: 379; Wolff & Krause 1922: 105; Zwolfer 1949: 401. **(ec)** Apel 1983; Arx & Hennebert 1965; Baker, J. M. 1960b, 1963; Baker, J. M. & Kreger-Van Rij 1964: 433, 441; Favard 1962; Fleischer 1911; Francke-Grosmann 1956b; Gauss & Wellenstein 1950; Hicken 1963; Horn 1933: 173; Kangas 1946b: 41; Kleine 1908c: 222, 1909a: 49, 78; Kostenko 1929; Neger 1909b: 408; Nosek 1959a: 118, 1959b: 85, 87; Novak, P. 1952: 417; Nusslin 1927: 352; Perris 1852: 497, 1856a: 197, 244; Pfeffer 1923a: 332, 1928b: 7; Ratzeburg 1869a: 175; Rondani 1873: 158; Scheerpeltz & Hofler 1948: 281; Schimitschek 1955a: 136; Schwerdtfeger 1944a: 185, 1957a: 191; Sedlaczek 1935a: 157; Slaby 1947: 375; Turnau 1984; Vite 1952a: 99; Wichmann 1955a: 95. **(hb)** Altum 1881c: 323; Anonymous 1966c, 1972c; Apel 1983; Baeta Neves 1943a; Baker, J. M. 1956a, 1956b, 1960b: 94, 1963: 232–265, 1965a; Balachowsky 1963b: 1290; Barbey 1901: 28, 115; Bargmann 1894d, 1906; Becker, G. 1950; Browne 1968b: 570; Buysson 1910; Cecconi 1905, 1924; Cermak 1938; Chapman 1870a: 103–106, 132–135, 1904; Chittenden 1890; Claudon 1871; Dyakowski 1911; Eckstein 1897, 1915, 1926: 579, 1928; Eichhoff 1881a: 55, 305; Escherich 1923b: 638; Espanol 1964b: 115–116; Falck 1916; Favard 1962; Fisher 1936a; Fleischer 1927; Fuchs 1904a; Furst 1888: 340; Gabler 1955; Gerhard 1908; Girard 1873; Groschke 1953b, 1954b; Henschel 1876a: 217, 219, 242, 1895a: 196; Hergula 1939: 305; Hess 1900: 56; Hess & Beck 1927: 348; Hicken 1963; Husson 1955: 248–356; Jacobi 1906: 148; Jacquiot 1951a: 1–4, 1951b: 283–284; Joly 1953: 3–7; Jones 1959a; Judeich & Nitsche 1895: 546; Karpinski & Strawinski 1948: 157; Karsch 1883: 143; Kholodkovskii 1912: 287, 323; Kleine 1932a: 310, 401; Knotek 1896: 148; Kollar 1849: 3; Konig, E. 1957: 113; Korolev 1989; Lengerken 1954: 325; Lepiney & Mimeur 1932: 46; Liese 1950: 141; Louzil 1961: 27; Lunardoni & Leonardi 1889: 492; Madon 1930: 98; Nordlinger 1855: 186, 1869: 335; Nosek 1959a: 118, 1959b: 85, 87; Novak, V., Hrozinka, & Stary 1976: 88; Nusslin 1898: 283, 1913: 292, 1927: 352; Perris 1852: 497, 1856a: 197, 244; Peyerimhoff 1919: 257; Pfeffer 1942a: 2; Postner 1974: 483; Ratzeburg 1837: 168, 188, 1839: 165, 230; Rhumbler 1922: 335, 1927: 352; S. H. 1851: 36; Schimitschek 1944: 227, 1955a: 136; Schwerdtfeger 1944a: 185, 1957a: 191, 1981: 197; Sedlaczek 1935a: 157; Strohmeier 1906b: 329, 1907a: 66; Taschenberg 1880: 247; Vite 1952a: 99; Wachtl 1901: 382; Weber, H. 1926: 581; Wichmann 1927b: 379; Wolff 1927: 76; Wolff & Krause 1922: 105. **(ds)** Acatay 1960: 12; Acloque 1896, 1914; Andersch 1851; Androic 1966: 46; Anonymous 1966c, 1972c; Arnoldi et al. 1955: 736; Audras & Schaefer 1957; Balachowsky 1963b: 1290; Barthe 1896; Bau 1888; Bedel 1888b: 404, 421; Bielz 1851, 1887; Blackwelder 1947: 789; Blanchere & Robert 1889; Bletchly 1962; Borchert 1951; Brakman 1966b: 207; Brancsik 1871, 1906; Brown, S. C. S. 1971; Browne 1968b: 570; Buck 1955b: 191; Bucking 1932; Buresh & Lazarov 1956; Buysson 1910; Calwer 1884, 1893; Cecconi 1905; Chapuis & Candeze 1853; Chittenden 1890; Chrystal 1937; Debatisse 1945; Dejean 1821, 1825, 1837; Dieckmann 1960: 117; Duffy 1945: 175; Eggers 1904, 1912f; Endrodi 1958a: 69, 1958b; Erichson 1836: 65; Ericson & Sandin 1893; Escalera 1919; Escherich 1923b: 638, 1932b: 43; Espanol 1964b; Eyquem 1891; Fedorov 1930; Fisher 1936a, 1937: 1–3; Fowler 1891; Fricken 1889: 357; Fuchs 1904a, 1905a; Gabler 1949b; Gaubil 1849: 125; Gauss & Wellenstein 1950; Gehin 1857a: 392; Gemminger & Harold 1872: 2698; Gozis 1875: 80; Gredler 1866: 375; Grill 1895: 313; Hallett 1923c; Hamilton 1894b: 406; Hansen, V. 1939, 1956; Hellen 1947; Hennig 1954: 265; Henschel 1895a: 196; Heyden 1876; Heyden, Reitter, & Weise 1883: 182, 1891: 674, 1906: 713; Horion 1935, 1951; Hunefeld 1831: 2000; Illiger 1805: 129; Joly 1960; Judeich & Nitsche 1895: 546–547; Kaltenbach 1874: 632; Kangas 1946d: 35; Karpinski 1926: 83, 1931: 20,

- 1932b: 56; 1948a: 173; Karpinski & Strawinski 1948: 157; Keler 1925b: 275; Kersten 1933: 76; Kestercanek 1881a: 12; Klefbeck & Sjöberg 1960: 232; Kleine 1932a: 310, 401; Kloft & Hinks 1945: 218; Koca 1905: 192; Kostenko 1929; Kozikowsky 1921: 181; Kraatz 1869: 60; Kurir 1947c: 22; Lacordaire 1866: 391; Langhoffer 1915c: 158–159, 1929; 1196–1203; Leclercq 1971; Leng 1918: 210; Lentz 1857: 140; Lepiney 1927: 145–174; Lepiney & Mimeur 1932: 46; Liese 1950: 141; Lokaj 1860: 64; Lomnicki 1913b: 149; Lompe 1973; Lucas 1880: 26; Lucht 1987: 280; Luna de Carvalho 1947: 15; Lunardoni & Leonardi 1889: 492; Massee 1947: 126; Matthews & Fowler 1883: 42; Michel 1937: 24–28; Negru 1966b: 404, 1968a: 457; Novak, P. 1952: 417; Nunberg 1954: 96; Nusslin 1898: 283; Oliveira 1887: 329; Orten 1886: 280; Pacher 1865: 152; Paganetti-Hummiller 1901: 150; Palm 1959: 22, 28, 354, 1966: 18; Parkin 1943: 61–66; Peclaire & Van der Wiel 1946: 76; Perris 1876a: 256, 1877a: 412; Peyerimhoff 1919: 257; Pfeffer 1928b: 7, 1931b: 73, 1936: 90, 1989a: 92; Pierce, W. D. 1917: 154; Postner 1974: 486; Ragusa 1924: 117; Rapp 1934: 738; Ratzeburg 1837: 168, 188, 1839: 165, 230; Redtenbacher 1858: 839; Reissig 1949: 131; Reitter 1869b: 155, 1888b: 280, 1894a: 93, 1916: 306, 352; Romanyk 1959: 425; Roschkamp 1929: 178–180; Roubal 1941: 276; Rye 1866a: 199, 1890: 271; S. H. 1851: 36; Sainte-Claire 1914: 475; Sainte-Claire & Mequignon 1938: 449; Schaschl 1854: 133; Schauffuss 1915: 1201; Schaum 1853: 292, 1859: 96, 1862: 101; Schedl 1961b: 185, 1964a, 1967c: 73, 1971d: 429, 1972f: 189, 1980a: 29, 1981c: 101; Schilsky 1909: 189; Schiodte 1873: 105; Scheerpeltz & Winkler 1930: 253; Scherdtfeffer 1981: 197; Scudder 1891: 540; Seidlitz 1872: 389, 1891a: 556, 1891b: 601; Sharp & Fowler 1893: 35; Stark 1927b: 90, 1936e: 142; Stein & Weise 1877: 165; Stephens 1829a: 145, 1830: 355, 1839: 206; Stierlin & Gautard 1871: 294, 1906: 205; Strohmeier 1907e: 170, 1912c: 15, 1914c: 26; Sturm 1843: 231; Swaine 1909: 85; Thomson 1865: 376, 1868: 224; Trappen 1935: 144; Tredl 1907: 19; Vigiani 1943: 102; Villa & Villa 1833: 26; Vite 1953: 41; Vrydagh 1947a: 8; Wanka 1908: 231, 1915: 213; Westhoff 1882: 240; Wichmann 1909b: 172, 1955a: 95; Winter, T. G. 1983: 22; Wolff 1927: 76. (tx) Acatay 1960: 12; Acloque 1896; Altman 1844; Apel 1983; Bach 1854; Balachowsky 1949a: 277, 1963b: 1290; Barbey 1901: 28, 115; Bechstein et al. 1805: 96; Bedel 1888b: 404, 421; Beeson 1938: 295; Bertolini 1872; Brancsik 1871; Calwer 1858; Castelnau 1840; Ceballos 1945; Chapuis 1865: 246; Chapuis & Candeze 1853; Chevrolat 1838; Dejean 1821, 1825; Duffy 1953: 17; Eggers 1912f: 29, 1929e: 42; Eichhoff 1864b: 43, 1881a: 55, 108, 305, 1883a: 117, 144; Emden 1942; Endrodi 1957b: 43; Escherich 1923b: 638; Espanol 1964b; Fabricius 1792: 364, 1801: 384; Fauvel 1889; Fleischer 1905; Formanek 1907: 56; Fricken 1889: 357; Fuchs 1912a; Gabler 1949b, 1955; Girard 1873; Hansen 1956; Henry 1892: 15; Henschel 1876a: 217, 219, 242, 1895a: 196; Hickin 1963: 257; Hopkins 1914: 127, 1915c: pl. 9, fig. 18, pl. 12, fig. 18; Houlbert 1922a: 15–16; Iablokoff-Khnzorian 1961: 89; Illiger 1805: 321; Jacobi 1906: 148; Jacquelin du Val & Fairmaire 1868: 108; Judeich & Nitsche 1895: 546; Karpinski & Strawinski 1948: 157; Keler 1928: 1; Korolev 1989; Kuhnt 1913: 1061; Lacordaire 1866: 391; Latreille 1803: 204, 1804: 108; Letzner 1891: 378; Leunis 1886: 183; Louzil 1961: 108; Lovendal 1889b: 83, 1898; Lucas 1920: 521; Lucht 1987: 280; Lunardoni & Leonardi 1889: 492; Negru 1966b: 404; Novak, V., Hrozinka, & Stary 1976: 88; Nunberg 1928a: 144, 1953: 52, 1954: 96; Panzer 1795: 285; Perris 1877a: 112; Pfeffer 1932b: 27, 1942a: 2, 1955a: 265, 1989apl. 1, 14; Portevin 1935: 339; Postner 1974: 486; Ratzeburg 1837: 168, 188, 1839: 165, 230; Redtenbacher 1849a: 356, 1849b: 26, 1858: 839; Reitter 1894a: 93, 1913a: 112, 1916: 306, 352; Rey 1892b: 31; Rhumbler 1922: 335, 1927: 352; Saunders 1836: 155; Schedl 1934f: 1647, 1937d: 40, 1942a: 200, 1947a: 13, 1952f: 88, 1960c: 47, 1972f: 189, 1980a: 29, 1981c: 101; Schimitschek 1937c: 60–61, 1955c: 94; Seidlitz 1872: 389, 1891a: 556, 1891b: 601; Stephens 1829a: 145, 1829b: 12, 1830: 355, 1839: 206; Stresemann et al. 1989: 357; Strohmeier 1911d: 217, 1912c: 15, 1914c: 26; Swaine 1909: 85; Taschenberg 1880: 247; Thomson 1865: 376, 1868: 224; Westwood 1840: 40. (ms) Boocock 1959a, 1959d; Eggers 1912e; Escherich 1932b; Fisher 1954a, 1954b; Keler 1956: 440; Lucas 1920: 521; Schaum 1854: 148.
- platypus* Duftschmidt 1825: 87 (*Cylindra*). Syntypes ♂; Wien; not located. Synonymy: Chapuis 1865: 246.
References: (tx) Chapuis 1865: 246; Duftschmidt 1825: 87; Schedl 1972f: 189.
- bimaculata* Duftschmidt 1825: 88 (*Cylindra*). Syntypes, sex?; Wien; not located. Synonymy: Chapuis 1865: 246.
References: (ds) Schilsky 1909: 189. (tx) Balachowsky 1949a: 277; Chapuis 1865: 246; Duftschmidt 1825: 88; Espanol 1964: 116; Letzner 1891: 378; Schedl 1972f: 189.
- flavicornis* Kugelann 1872: 496 (*Bostrichus*). Syntypes, sex?; Germany; not located. Synonymy: Strohmeier 1912: 15.
References: (tx) Kugelann 1872: 496; Schedl 1972f: 189.
- cylindriciformis* Reitter 1894: 94. Syntypes ♂ ♀; Algier (St. Charles); NHMB, Budapest. Synonymy: Balachowsky 1949a: 277.
Notes: (3) Dejean 1837: 333 (*sulcatus*, nomen nudum, synonymy in Strohmeier 1911: 85–88).
References: (ay) Escherich 1923b: 638; Korolev 1989; Strohmeier 1918: 1. (cn) Acatay 1943a:

- 73, 1949: 73–74; Escherich 1923b: 638; König, E. 1957: 17; Schimitschek 1955a: 136, 1955c: 94; Weber 1926: 581; Wichmann 1927b: 379. (**ec**) Beauverie 1910b; Schimitschek 1955a: 136; Uchastnova 1985; Vite 1952a: 99. (**hb**) Acatav 1943a: 73; Eckstein 1926: 581; Escherich 1923b: 638; König, E. 1957: 17; Schimitschek 1937: 61, 1955a: 136; Strohmeier 1906b: 329–341, 409–420, 506–511, 1907a: 66, 1910b: 89; Vite 1952a: 99; Weber 1926: 581; Wichmann 1927b: 379. (**ds**) Eckstein 1926: 581; Escherich 1923b: 638; Gabler 1949b; Heyden, Reitter, & Weise 1906: 713; Holdhaus 1912: 454; Luna de Carvalho 1950: 15; Normand 1937: 269; Pfeffer 1947d: 126; Reitter 1894a: 94; Roschkamp 1929: 178–180; Schilsky 1909: 189; Strohmeier 1907e: 170–173, 1911c: 106, 1912e: 251, 1914c: 26; Tredl 1907: 20. (**tx**) Balachowsky 1949a: 277; Eggers 1923a: 214; Escherich 1923b: 638; Espanol 1964: 116; Fleischer 1927; Gabler 1949b; Korolev 1989; Kuhlnt 1913: 1061; Pfeffer 1989a: pl. 12; Portevin 1935: 339; Reitter 1894a: 93–94, 1913a: 113; Schedl 1934f: 1647, 1972f: 189; Schimitschek 1955c: 94, 1972f: 189; Strohmeier 1910g: 85, 1911c: 106, 1912b: 57, 1914c: 26.
- cymbiformis** Roberts 1979: 86. Holotype ♂; Papua New Guinea: 8 km south-west Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Galbulimima* sp.
References: (**cn**) Schimitschek 1937c: 61, 1938c: 2119, 1939d: 2119, 1944: 227; Schwerdtfeger 1944a: 185, 1957a: 191. (**ec**) Schimitschek 1941a: 317; Schwerdtfeger 1944a: 185, 1957a: 191. (**hb**) Schimitschek 1944: 227; Schwerdtfeger 1944a: 185, 1957a: 191. (**ds**) Strohmeier 1912c: 14. (**tx**) Schimitschek 1937c: 61; Strohmeier 1912c: 14.
- daedalus** Roberts 1986: 41. Holotype ♂; New Guinea: Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (**tx**) Roberts 1986: 41.
- darjeelingensis** Schedl 1969c: 61. Holotype ♂; India: W. Bengal, Lepchajagat, 7000', Rangirum 6000', Darjeeling; FRI, Dehra Dun, not found in 1981 by SLW.
Distribution: Asia (Bengal in India).
Hosts: *Acer campbellii*, *Odina fraxinifolia*, *Symplocos theaeifolia*.
Notes: (1) None of the specimens borrowed by Schedl from FRI, Dehra Dun, was ever returned: the types he cites may be represented by the "paratypes" in his collection. (3) Schedl 1969c: 61 (this is *darjeelingensis* Beeson, nomen nudum), 1971c: 389 (described female).
References: (**cn**) Mathur & Singh 1961a: 83. (**ds**) Beeson 1941: 344, 1961: 265; Mathur & Singh 1961a: 83; Schedl 1971c: 362, 1972f: 189. (**tx**) Schedl 1969c: 61–62, 1971c: 389, 1972f: 189, 1978a: 23.
- darlingtoni** Reichardt 1965: 162. Holotype ♂; Toledo Dist., Brit. Honduras; MCZ, Cambridge.
Distribution: North America (Belize).
References: (**ds**) Schedl 1972f: 239. (**tx**) Reichardt 1965: 162; Schedl 1972f: 239.
- dasycauda** Browne 1980a: 376. Holotype ♂; Keelung (Formosa) to Nagoya (Japan), imported; BMNH, London.
Distribution: Asia (Taiwan).
References: (**tx**) Browne 1980a: 376.
- decens** Sampson 1922b: 147. Holotype ♂; Assam: Nowgong; BMNH, London.
Distribution: Asia (China/ Assam in India/ Malaya/ Nepal).
Hosts: *Castanopsis tribuloides*, *Shorea* sp., *Vatica lauceafolia*.
References: (**cn**) Mathur & Singh 1961b: 71. (**ds**) Beaver & Browne 1978: 619; Beeson 1961: 265; Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1961b: 71; Schedl 1962f: 165, 1972f: 209, 1973b: 211. (**tx**) Murayama 1956: 13; Sampson 1922b: 147; Schedl 1941b: 416, 1972f: 209.
- deceptor** Wood 1972c: 244. Holotype ♂; La Carbonera Experimental Forest, 50 km W. Merida, Merida, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: *Ficus* sp., *Nectandra* sp., *Prunus sphacrocarpa*.
References: (**tx**) Wood, S. L. 1972c: 244.
- declivis** Sampson 1923c: 72. Lectotype ♂; Labuen, Batjan; BMNH, London, designated by Browne 1970: 580.
Distribution: Indonesia (Batjan Island near Borneo, Java).
References: (**ds**) Beeson 1937: 92; Equihua & Atkinson 1987: 21; Schedl 1972f: 237. (**tx**) Beeson 1937: 90, 92; Browne 1970: 580; Equihua & Atkinson 1987: 21; Sampson 1923c: 72; Schedl 1936e: 46, 1972f: 237.
- declivitatis** Schedl 1941c: 356. Syntypes ♂; Java, Mount Gede, 800 m; Schedl Collection in NHMW, Wien, and RNH, Leiden.
Distribution: Indonesia (Java).
Notes: (1) Schedl 1978a: 23 (citation of holotype invalid, this specimen was lost).
References: (**ds**) Schedl 1972f: 242. (**tx**) Schedl 1941c: 356, 1972f: 242, 1978a: 23.
- decorus** Schedl 1936c: 235. Syntypes ♂; French Guyana, St.-Laurent du Maroni; MNHN, Paris, and Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne).
References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 205. (**tx**) Schedl 1935k: 480, 1936c: 235, 1972f: 205, 1978a: 24.

- deductus** Schedl 1964c: 299. Holotype ♂: Ostkuste Sumatras: Bandar Baroe, 850 m; ZMA, Amsterdam. Distribution: Indonesia (Java, Sumatra). References: (ds) Schedl 1972f: 195. (tx) Schedl 1964c: 299, 1972f: 195, 1978a: 24.
- deflectus** Schedl 1941c: 355. Syntypes ♂ ♀; Java, Mt. Gede, 1000 m; Kalshoven Collection, and Schedl Collection in NHMW, Wien. Distribution: Indonesia (Java), Philippine Islands. References: (hb) Kalshoven 1960c: 40–41. (ds) Kalshoven 1960c: 40–41; Schedl 1972f: 196. (tx) Browne 1966: 235; Nobuchi 1985: 329; Schedl 1941c: 355–356, 1971f: 156, 1972f: 196, 1978a: 24. *bistriatus* Browne 1966: 235. Holotype ♂; Philippines: Palawan, Pinigisan, Mantalingajan Range, 600 m; UZMC, Copenhagen. Synonymy: Schedl 1971f: 156. References: (tx) Browne 1966: 235; Schedl 1971f: 156, 1972f: 196.
- delicatus** (Schedl) 1936b: 129 (*Crossotarsus*). Syntypes ♂; Belg. Kongo, Kibali-Ituri: Kilo; MRCB, Tervuren, and Schedl Collection in NHMW, Wien. Distribution: Africa (Angola/ Uganda/ Zaire). Notes: (1) Schedl 1959p: 27 (described female, as *Mesoplatypus*), 1978a: 24 (restricted male type to specimen in MRCB, Tervuren). References: (ds) Ferreira 1965: 1134; Schedl 1959p: 23, 27, 1962k: 996, 1972f: 203. (tx) Schedl 1936b: 129–130, 1962k: 996, 1972f: 203, 1978a: 24.
- dentatus** Dalman 1823: 83. Holotype ♂; Brasilia; Schoenherr Collection. Distribution: North America (Costa Rica), South America (Bolivia/ Brazil/ Colombia). Hosts: *Cecropia peltata*, *Inga vera*, *Jacaranda copatia*. Notes: (3) Schedl 1970e: 108 (described female). References: (ds) Schedl 1970e: 89, 1972f: 239. (tx) Dalman 1823: 83; Schedl 1970e: 108, 1972f: 239, 1978a: 24.
- fortis** Blandford 1896e: 98. Holotype ♂; Colombia; BMNH, London. Synonymy: Schedl 1972f: 238. References: (ds) Blackwelder 1947: 789; Schedl 1966f: 80. (tx) Blandford 1896e: 98; Schedl 1958c: 2, 1972f: 238–239.
- denticollis** Browne 1984f: 61. Holotype ♂; New Guinea: Morobe District, Mount Kaindi, 2350 m; BMNH, London. Distribution: New Guinea. Hosts: *Nothofagus* sp. References: (tx) Browne 1984f: 61.
- denticulatus** Browne 1980c: 497. Holotype ♂; Mt. Maunganui (New Zealand) to Kawasaki (Japan), imported; BMNH, London. Distribution: New Zealand. References: (tx) Browne 1980c: 497.
- deperditus** Schedl 1975f: 384. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 384.
- priscus** Schedl 1975f: 375 (*Crossotarsus*). Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection NHMW, Wien. Synonymy: Roberts 1989: 285. References: (tx) Roberts 1989: 285; Schedl 1975f: 375.
- deplanatus** Wood 1972c: 245. Holotype ♂; La Carbonera Experimental Forest, 50 km W Merida, Merida, Venezuela; Wood Collection. Distribution: South America (Venezuela). Hosts: *Prunus sphaerocarpa*. References: (tx) Wood, S. L. 1972c: 245.
- depressus** Schedl 1979g: 110. Holotype ♀; Papua, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1939e: 333, 1979g: 110.
- desultor** Schedl 1939k: 719. Holotype ♂; Costa Rica, San Jose; Schedl Collection in NHMW, Wien. Distribution: North America (Costa Rica). References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 21; Schedl 1972f: 234. (tx) Equihua & Atkinson 1987: 21; Schedl 1939k: 719, 1972f: 239, 1978a: 24.
- detectus** Schedl 1976a: 87. Holotype ♂; Porto Velho, Territ. Rondon, Brazil; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) Schedl 1976a: 87.
- devius** Schedl 1976a: 88. Holotype ♂; Brasil, PA, Santarem; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) Schedl 1976a: 88.
- deyrollei** Chapuis 1865: 127. Syntypes ♂ ♀; Toxpan; 1 ♂, 1 ♀ in BMNH, London, 1 ♂, 1 ♀ in IRSNB, Brussels. Distribution: North America (Costa Rica/ Guatemala/ Veracruz in Mexico/ Panama). Hosts: *Theobroma cacao*. References: (ds) Blackwelder 1947: 789; Blandford 1896e; Equihua & Atkinson 1987: 21; Ferrer 1942; Gemminger & Harold 1872: 2698; Nunberg 1972b: 190; Schedl 1933c: 166, 1972f: 239; Strohmeier 1912c: 8, 1914c: 23. (tx) Blandford 1896e: 97; Chapuis 1865: 127; Equihua & Atkinson 1987: 21; Schedl 1935h: 352, 1937d: 37, 1940a: 324, 1960c: 17, 1972f: 239; Strohmeier 1912c: 8, 1914c: 23.
- dibrachiatus** Roberts 1989: 267. Holotype ♂; Papua New Guinea: Divide Logging Area, Bulolo, 1200 m; MHNW, Wien. Distribution: New Guinea. Hosts: *Terminalia complanata*.

References: (tx) Roberts 1989: 267.

diductus Chapuis 1865: 139. Holotype ♀; Cayenne; IRSNB, Brussels.

Distribution: South America (Cayenne/ Venezuela).

References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Schedl 1972f: 239; Strohmeyer 1912c: 8, 1914c: 23. (tx) Chapuis 1865: 139; Schedl 1935h: 353–354, 1960c: 20, 1972f: 239; Strohmeyer 1912c: 8, 1914c: 23.

diffidens Schedl 1964g: 251. Holotype ♂; Sarawak, Setapok; BMNH, London.

Distribution: Indonesia (Sarawak in Borneo).

References: (ds) Schedl 1971c: 370, 1972f: 185. (tx) Schedl 1964g: 251, 1972f: 185, 1978a: 25.

diffinis Schedl 1972i: 55. Holotype ♀; New Guinea (NE), Wau, Morobe Dist., Kunai Creek, 1250 m; BPBM, Honolulu.

Distribution: New Britain Island, New Guinea.

References: (ds) Schedl 1972f: 200. (tx) Schedl 1972f: 200, 1972i: 55, 1978a: 25.

digestus Schedl 1975g: 255. Holotype ♂; Papua, Porotop, Luth. Miss. Sawmill; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975g: 225, 1978b: 25.

dignatus Schedl 1936c: 236. Syntypes ♂; French Guyana, St.-Laurent du Maroni; MNHN, Paris, and Schedl Collection in NHMW, Wien.

Figures: Reichardt 1964b: 87.

Distribution: South America (Brazil/ Cayenne/ Guyana/ Suriname).

Hosts: *Eugenia* sp.

Notes: (1) Schedl 1978a: 25 (restricted type to MNHN, Paris material). (3) Schedl 1976a: 88 (described female).

References: (ds) Blackwelder 1947: 789; Schedl 1960d: 79, 1972a: 205. (tx) Reichardt 1964b: 87–88; Schedl 1936c: 236, 1972f: 205, 1976a: 88, 1978a: 25.

digestus Schedl 1964g: 252. Holotype ♂; Sarawak, Setapok; BMNH, London.

Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).

Hosts: *Castanopsis sumatranus*, *Dipterocarpus borneensis*.

Notes: (3) Schedl 1971c: 389 (described female).

References: (hb) Browne 1961c: 218. (ds) Browne 1961a: 315, 1961c: 218; Schedl 1971c: 366, 1972f: 217. (tx) Schedl 1964g: 252, 1971c: 389, 1972f: 217, 1978a: 25.

dimidiatus Chapuis 1865: 153. Syntypes 2 ♂; Cayenne; 1 in MNB, Berlin, 1 in IRSNB, Brussels (Schedl 1960c: 23).

Distribution: South America (Cayenne/ Colombia/ Venezuela).

References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Schedl 1972f: 205;

Strohmeyer 1911f: 204, 1912c: 10, 1914c: 24. (tx) Chapuis 1865: 153; Lucas 1920: 521; Schedl 1937d: 37, 1939b: 399, 1960c: 22–23, 1972f: 205; Strohmeyer 1912c: 10, 1914c: 24. (ms) Lucas 1920: 521.

dipterocarpi Browne 1986b: 338. Holotype ♂; Borneo: Tatau (Sarawak) to Nagoya (Japan), imported; BMNH, London.

Distribution: Indonesia (Sarawak in Borneo).

Hosts: *Dipterocarpus* sp.

References: (tx) Browne 1986b: 338.

discicollis Chapuis 1865: 254. Syntypes ♂ ♀; Colombia; 1 in MNB, Berlin, 3 in IRSNB, Brussels, 7 ♂, 1 ♀ in BMNH, London (Schedl 1960c: 48). Distribution: North America (Costa Rica/ Guatemala), South America (Bolivia/ Brazil/ Cayenne/ Colombia).

References: (ds) Atkinson & Equihua 1986a: 422; Blackwelder 1947: 789; Blandford 1896e: 112–113; Equihua 1985: 143; Equihua & Atkinson 1987: 22; Gemminger & Harold 1872: 2698; Nummer 1963c: 106; Sampson 1928a: 3; Schedl 1960a: 77, 1970e: 86, 1971f: 150, 1972f: 187, 1972g: 40, 1976a: 57; Strohmeyer 1912c: 16, 1914c: 27. (tx) Blandford 1896e: 112–113; Chapuis 1865: 254; Equihua & Atkinson 1987: 22; Sampson 1928a: 3; Schedl 1933a: 402, 1936c: 248, 1937d: 40, 1939b: 399, 1941e: 156, 1960c: 48, 1972f: 187; Strohmeyer 1912c: 16, 1914c: 27.

discipennis Schedl 1975g: 226. Holotype ♀; New Guinea, Wau; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975g: 226, 1978a: 25.

discoidalis Schedl 1933a: 402. Holotype ♂; British Guiana, Essequibo R., Moraballi Creek; BMNH, London.

Distribution: South America (Guyana).

References: (ds) Blackwelder 1947: 789; Schedl 1972f: 187. (tx) Schedl 1933a: 402–403, 1972f: 187.

discolor Blandford 1896e: 101. Holotype ♂; Volcan de Chiriqui, Panama; BMNH, London.

Figures: Blandford 1896e: pl. 4, fig. 9.

Distribution: North America (Panama).

References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 22; Schedl 1972f: 214; Strohmeyer 1912c: 9, 1914c: 23. (tx) Blandford 1896e: 101; Equihua & Atkinson 1982: 22; Schedl 1936c: 226, 1972f: 214; Strohmeyer 1912c: 9, 1914c: 23.

dissimilis Chapuis 1865: 271. Syntypes ♀; de la Nouvelle Grenada [Colombia]; 1 in BMNH, London (Schedl 1960c: 52).

Distribution: South America (Colombia).

References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Schedl 1972f: 231; Strohmeyer 1912c: 17, 1914c: 27. (tx) Chapuis 1865: 271; Schedl 1935h: 356, 1960c: 52, 1972f: 231; Strohmeyer 1912c: 17, 1914c: 27.

- dissipabilis** Schedl 1934c: 212. Syntypes 2 ♂; Bogota und Neu-Granada: Hamburg Museum, lost, and Schedl Collection in NHMW, Wien.
Distribution: Antilles Islands (Guadeloupe), South America (Brazil/ Colombia/ Ecuador/ Venezuela).
Notes: (1) Schedl 1978a: 25 (citation of holotype invalid).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 231, 1972g: 48, 1976a: 57. (tx) Schedl 1934e: 210, 212, 1962p: 210, 1972f: 231, 1978a: 25.
- perplandus** Schedl 1935i: 46. Lectotype ♂; Venezuela, Etat d'Apure: San Fernando de Apure; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 52. Synonymy: Schedl 1962p: 210.
References: (ds) Blackwelder 1947: 790. (tx) Schedl 1935i: 46, 1962p: 210, 1972f: 231, 1978a: 52.
- distinctipes** Schedl 1972i: 55. Holotype ♂; New Guinea (NW), Wau, Kumai Creek, 1270 m; BPBM, Honolulu.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 200. (tx) Schedl 1972f: 200, 1972i: 55, 1978a: 25.
- ponamae** Schedl 1975f: 392. Holotype ♀; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Synonymy: Roberts 1989: 285.
Notes: (3) Schedl 1979g: 96 (treated as a synonym of *apicatus*).
References: (tx) Roberts 1989: 285; Schedl 1975f: 392, 1979g: 96.
- distinguendis** Schedl 1934e: 210. Holotype ♂; Costa Rica. Hamburg-Farm, [Rio] Reventazon, Ebene Limon; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 22; Santoro 1957b: 25; Schedl 1972f: 239. (tx) Equihua & Atkinson 1987: 22; Schedl 1934e: 210–211, 1936c: 224, 1972f: 239, 1927g: 26.
- diversipennis** Schedl 1962p: 210. Holotype ♂; Madras, Kattiyur, Wynaad (Perya); FRI, Dehra Dun, not found in 1981 by SLW.
Distribution: Asia (India).
Hosts: *Dipterocarpus indicus*.
Notes: (1) None of the material borrowed by Schedl from FRI was ever returned to FRI; the Schedl "paratype" may be the missing type (SLW).
References: (ds) Schedl 1972f: 204. (tx) Schedl 1962p: 210, 1972f: 204, 1978a: 26.
- dobunabae** Roberts & Morimoto 1986: 167. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Galbulimima belgraveana*.
References: (tx) Roberts & Morimoto 1986: 167.
- dolabratus** Blandford 1896e: 102. Syntypes 5, ♂ ♀; Bugaba, Panama; BMNH, London.
Figures: Blandford 1896e: pl. 4, fig. 12.
Distribution: North America (Panama).
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 22; Schedl 1972f: 239; Strohmeier 1912c: 9, 1914c: 23. (tx) Blandford 1896e: 102; Equihua & Atkinson 1987: 22; Schedl 1940c: 203, 1972f: 239; Strohmeier 1912c: 9, 1914c: 23.
- dolus** Schedl 1975f: 385. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 385.
- dorsalis** Schedl 1972g: 77. Holotype ♀; Brasilien, Amazonas, Manaos; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1972g: 77.
- dorsatus** Schedl 1975g: 226. Holotype ♀; New Guinea, Sarmi; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 226, 1978b: 26.
- drescheri** Schedl 1941c: 358. Syntypes ♂; Java, Preanger, G. Tangkoeban Prahoe, 4000–5000 Voet; Kalshoven Collection, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java).
Hosts: *Nyssa javanica*.
Notes: (1) Schedl 1978a: 26 (citation of holotype invalid).
References: (hb) Kalshoven 1960c: 40; Schedl 1972f: 207. (tx) Schedl 1941c: 358, 1965g: 28, 1972f: 207, 1978a: 26.
- dryobalanopsis** Browne 1981b: 603. Holotype ♂; Kuala Madai (Sabah, Borneo) to Gamagori (Japan), imported; BMNH, London.
Distribution: Indonesia (Borneo).
Hosts: Kapur log.
References: (ds) Browne 1985b: 290. (tx) Browne 1981b: 603, 1985b: 293.
- dubiosus** Schedl 1933a: 401. Holotype ♂; Brazil, Rio Janeiro; BMNH, London.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 242. (tx) Schedl 1933a: 401, 1972f: 242.
- duplicatus** Schedl 1979g: 111. Holotype ♂; Ouenarou, W. Caledonie; Schedl Collection in NHMW, Wien.
Distribution: New Caledonia.
References: (tx) Schedl 1979g: 111.
- duplosignatus** Schedl 1975f: 386. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 386.

- duriovorus** Browne 1985a: 196. Holotype ♂: Tatan (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: *Durio* sp.
References: (tx) Browne 1985a: 196.
- durus** Schedl 1936c: 233. Syntypes ♂; Demerara, Brit. Guyana; Hamburg Museum, lost, and Schedl Collection in NHMW, Wien.
Distribution: South America (Guyana).
Notes: (1) Schedl 1978a: 27 (neotype designation apparently invalid).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 239. (tx) Schedl 1936c: 233, 1939b: 399, 1972f: 239, 1978b: 27.
- dyerae** Browne 1986c: 670. Holotype ♂; Borneo: Sandakan (Sabah) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sabah in Borneo).
Hosts: *Dyera costulata* log.
References: (tx) Browne 1986c: 670.
- echinatus** Roberts & Morimoto 1986: 167. Holotype ♂: New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Cryptocarya* sp.
References: (tx) Roberts & Morimoto 1986: 167.
- efferratus** Schedl 1935h: 357. Holotype ♀; Brazil; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil/ Cayenne/ Guyana).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 231. (tx) Schedl 1935h: 357–358, 1972f: 231, 1978b: 27.
- effetus** Schedl 1935n: 637. Lectotype ♂; Borneo; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 27.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 193. (tx) Schedl 1935n: 637, 1965g: 30, 1972f: 193, 1978a: 27.
- egregius** Schedl 1936c: 229. Holotype ♂; probably Guyana; Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne/ Guyana?).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 239. (tx) Schedl 1936c: 228–229, 1972f: 239, 1978b: 27.
- elaboratus** Schedl 1975g: 227. Holotype ♂; New Guinea, Wau; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 227, 1978b: 27.
- elongatus** Chapuis 1865: 141. Syntypes 2 ♀; de Caraccas; 1 in BMNH, London, 1 in IRSNB, Brussels (Schedl 1960c: 20).
Distribution: South America (Brazil/ Venezuela).
References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Schedl 1972f: 239; Strohmeier 1912c: 9, 1914c: 23. (tx) Chapuis 1865: 141; Schedl 1935g: 313, 1950d: 11, 1952i: 22, 1960c: 20, 1972f: 239, 1978a: 27; Strohmeier 1912c: 9, 1914c: 23.
- emarginatulus** Browne 1981a: 134. Holotype ♂; Dingalan (Philippines) to Tokyo (Japan), imported; BMNH, London.
Distribution: Philippine Islands.
Hosts: *Shorea* sp.
References: (ds) Schedl 1936d: 6; Swaine 1909: 86. (tx) Browne 1981a: 134; Swaine 1909: 86.
- emdeni** Schedl 1935e: 174. Lectotype ♂; D. Neuguinea, Rawlinson Geb. (Schedl 1978a: 28); Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 28.
Distribution: New Guinea.
References: (ds) Schedl 1936d: 15, 1936g: 514, 1972f: 184. (tx) Schedl 1935e: 174–175, 1940b: 434, 1972f: 184, 1978b: 28.
- enixus** Schedl 1936c: 244. Lectotype ♂; Demerara, St.-Jean du Maroni, St.-Laurent du Maroni, Charvein, Bas Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 28.
Distribution: South America (Brazil/ Cayenne/ Guiana).
References: (ds) Atkinson & Equihua 1986a: 422; Blackwelder 1947: 789; Equihua 1985: 143; Equihua & Atkinson 1987: 22; Schedl 1966f: 92, 1972f: 218, 1973d: 164, 1976a: 57. (tx) Equihua & Atkinson 1987: 22; Schedl 1936c: 244, 1972f: 218, 1978a: 28.
- enormis** Schedl 1970a: 130. Holotype ♂; New Guinea, Okasa Pine Forest, Eastern Highlands District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Cryptocarya* sp.
Notes: (3) Schedl 1972i: 57 (described female).
References: (ds) Schedl 1972f: 217. (tx) Schedl 1970a: 130, 1972f: 217, 1972i: 57, 1978a: 28.
- equadorensis** Schedl 1933a: 396. Holotype ♂; Ecuador, Cachabe, low country; BMNH, London.
Distribution: South America (Ecuador/ Peru).
Notes: (3) Browne 1962e: 646 (placed in *Neotrichyostus*).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 229. (tx) Browne 1962e: 646; Schedl 1933a: 396, 1939b: 380, 1972f: 229; Wood, S. L. 1966b: 17.
- manipularis** Schedl 1937c: 14. Lectotype ♂; Peru: Cachabe; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 42. Synonymy: Wood 1966b: 17.
References: (ds) Blackwelder 1947: 789. (tx) Schedl 1937c: 14, 1952h: 72, 1972f: 229, 1978a: 42; Wood, S. L. 1966b: 17.
- errans** (Sampson) 1922b: 145. Holotype ♂; Burma: Mohnyin R., Katha; BMNH, London.
Distribution: Asia (Burma/ Assam, Bengal in India).
Hosts: *Acrocarpus fraxinifolius*, *Bombax*

malabricum, *Buchanania latifolia*, *Careya arborea*, *Eugenia jambolana*, *Ficus infectoria*, *Magnolia cathartii*, *Mesua ferrea*, *Phoebe attenuata*, *Tectona grandis*, *Terminalia myriocarpa*, *Wrightia tomentosa*.

Notes: (3) Schedl 1972f: 206 (treated as a subspecies of *indicus*).

References: (cn) Mathur & Singh 1961b: 13, 34, 93. (ds) Beeson 1941 (1961: 265); Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1961b: 13, 34, 93; Schedl 1969c: 68, 1972f: 206. (tx) Sampson 1922b: 145, 1923c: 72; Schedl 1972f: 206.

erraticus Schedl 1972g: 78. Holotype ♂; Brasilien, Jacareacanga, Para; Alvarenga Collection. Distribution: South America (Brazil). References: (tx) Schedl 1972g: 78, 1978a: 28.

eugeniae Schedl 1971c: 390. Holotype ♂; Horai, Haldwani, U. P.; Schedl Collection in NHMW, Wien. Distribution: Asia (Uttar Pradesh in India). Hosts: *Eugenia jambolana*.

Notes: (3) Beeson 1941: 344, 1961: 265 (*eugeniae*, nomen nudum). The type specimen obviously came from a FRI, Dehra Dun, loan to Schedl dated approximately 1962, that was not returned. References: (ds) Beeson 1941: 344, 1961: 265; Schedl 1972f: 200. (tx) Schedl 1971c: 390–391, 1972f: 200, 1978b: 28.

eugestus Wood 1966a: 64. Holotype ♂; Volcan Irazu, Cartago Prov., Costa Rica, 7000 feet; Wood Collection.

Figures: Schedl 1972f: 213, Wood 1966a: 67.

Distribution: North America (Costa Rica).

Hosts: *Brunellia costaricensis*, *Quercus* sp.

References: (ds) Equihua & Atkinson 1987: 22; Schedl 1972f: 214. (tx) Equihua & Atkinson 1987: 22; Schedl 1972f: 213–214; Wood, S. L. 1966a: 64, 67.

evanidinerius Roberts & Morimoto 1986: 169. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.

Distribution: New Guinea.

Hosts: *Syzigium* sp.

References: (tx) Roberts & Morimoto 1986: 169.

evanidus Roberts 1986: 42. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London. Distribution: New Guinea.

Hosts: *Xanthophyllum papuanum*.

References: (tx) Roberts 1986: 42.

eversus Wood 1972b: 251. Holotype ♂; 8 km S Colonia, Valle de Cauca, Colombia; Wood Collection. Distribution: South America (Colombia).

Hosts: *Lecythis* sp.

References: (tx) Wood, S. L. 1972b: 251.

exaratus Blandford 1896e: 98. Syntypes 5, ♂ ♀; Guatemala: Cerro Zunil, Panajachel, San Geronimo; BMNH, London.

Figures: Blandford 1896e: pl. 4, fig. 5.

Distribution: North America (Guatemala/ Mexico).

References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 22; Schedl 1972f: 239; Strohmeier 1912c: 9, 1914c: 23. (tx) Blandford 1896e: 98; Equihua & Atkinson 1987: 22; Schedl 1939k: 719, 1955b: 30, 1972f: 239; Strohmeier 1912c: 9, 1914c: 23.

excedens Chapuis 1865: 276. Holotype ♂; de la Nouvelle Guinée, Dorey; BMNH, London (Schedl 1960c: 52).

Distribution: Bismarck Islands, Indonesia (Borneo), New Guinea, Philippine Islands (Luzon, Palawan).

References: (bv) Gray, B. 1974b. (cn) Wylie & Shanahan 1977. (hb) Browne 1941; Gray, B. 1974b; Wylie & Shanahan 1975. (ds) Browne 1966: 239, 1980a: 372; Gemminger & Harold 1872: 2698; Ohno, Yoneyama, & Nakazawa 1987b: 89; Ohno et al. 1988b: 98, 1989: 65; Sampson 1928b: 374; Schedl 1938g: 423, 1966b: 92, 1968f: 535, 1972f: 186, 1975b: 347; Strohmeier 1912c: 17, 1914c: 28. (tx) Browne 1970: 579; Chapuis 1865: 276; Nobuchi 1985: 329; Sampson 1928b: 374; Schedl 1935k: 487, 1936h: 65–66, 1936j: 19–35, 1937d: 42, 1941c: 363, 1960c: 52, 1972f: 186, 1978b: 29; Strohmeier 1912c: 17, 1914c: 28; Wylie & Yule 1977.

excellens Schedl 1973e: 95. Holotype ♂; Sattelberg, Papua New Guinea; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1973e: 95, 1978a: 29.

excisus Chapuis 1865: 225. Syntypes ♂ ♀; du Mexique, Toxpam; 1 ♂, 3 ♀ in BMNH, London, 1 ♂, 2 ♀ in IRSNB, Brussels.

Distribution: Antilles Islands (Puerto Rico), North America (Costa Rica/ Guatemala/ Veracruz in Mexico/ Panama), South America (Argentina/ Brazil/ Cayenne/ Paraguay).

Hosts: *Inga vera*.

References: (ec) Equihua & Atkinson 1986: 624. (hb) Equihua & Atkinson 1986: 624. (ds) Atkinson & Equihua 1986a: 422, 1988: 104; Atkinson et al. 1986: 46; Blackwelder 1947: 789; Blandford 1896e: 110–111; Equihua 1985: 143; Equihua & Atkinson 1986: 624, 1987: 22; Estrada & Atkinson 1988: 212; Ferrer 1942; Gemminger & Harold 1872: 2698; Martorell 1945: 467; Numberg 1972b: 190; Schedl 1966f: 92, 1972f: 218, 1973d: 163, 1976a: 57, 1978c: 292, 1979e: 58; Strohmeier 1912c: 14, 1914c: 26; Wolcott 1936: 316, 1948: 384. (tx) Blandford 1896e: 110–111; Chapuis 1865: 225; Equihua & Atkinson 1987: 22; Schedl 1936c: 239, 1937d: 40, 1940a: 327, 1941e: 156, 1960c: 41–42, 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.

eximius Wood 1972b: 248. Holotype ♂; Colonia Tovar, Aragua, Venezuela; Wood Collection.

Figures: Schedl 1972f: 229, Wood 1966a: 52.

Distribution: South America (Venezuela).

References: (tx) Wood, S. L. 1972b: 248.

exitialis Wood 1966a: 51. Holotype ♂; Bartica triangle, British Guiana; BMNH, London.

Figures: Schedl 1972f: 229; Wood 1966a: 52 (male).

Distribution: South America (Cayenne/ Guyana).

Hosts: *Licania* sp., *Poweria engleri*.

References: (ds) Schedl 1972f: 229. (tx) Schedl 1972f: 229; Wood, S. L. 1966a: 51–52.

exitiosus Schedl 1936c: 236. Syntypes ♂ ♀; St. Laurent du Maroni, Nouveau Chantier; MNHN, Paris, and Schedl Collection in NHMW, Wien.

Distribution: South America (Cayenne).

Notes: (1) Schedl 1978a: 29 (citation of holotype invalid).

References: (ds) Blackwelder 1947: 789; Schedl

1972f: 229. (tx) Schedl 1936c: 236, 1972f: 229, 1978a: 29; Wood, S. L. 1966a: 51.

exsuperans Beaver 1990a: 283. Holotype ♂; Thailand, Chiang Mai, Doi Pui; BMNH, London.

Figures: Beaver 1990a: 282 (male declivity).

Distribution: Asia (Thailand).

Hosts: *Quercus* sp.

References: (tx) Beaver 1990a: 283.

extensus Schedl 1979g: 111. Holotype ♂; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1979g: 111.

falcatus Strohmeier 1908b: 73. Holotype ♂; Himalaya occidentalis (Kulu); Strohmeier Collection.

Distribution: Asia (Uttar Pradesh in India/ Nepal).

Hosts: *Acer campbelli*, *Alnus nepalensis*, *A. nitida*,

Echinocarpus dasyacarpus, *Elaeocarpus lanceae-folius*, *Evodia fraxinifolia*, *Machilus odoratissima*, *Populus* sp., *Quercus lamellosa*.

Notes: (3) Beeson 1961: 265 (*falcator*, nomen nudum, synonymy in Schedl 1969c: 62).

References: (cn) Kleine 1932a: 310, 402; Roonwal 1954: 58. (ec) Beeson 1921b. (hb) Kleine 1932a: 310, 402. (ds) Beeson 1921b: 24, 1941: 344, 1961: 265; Kleine 1932a: 310, 402; Nunberg 1964a: 236; Roonwal 1954: 58; Schedl 1962f: 166, 1969c: 62, 1972f: 209, 1973b: 212; Strohmeier 1912c: 18, 1914c: 28. (tx) Schedl 1941b: 416, 1969c: 62–63, 1972f: 209; Strohmeier 1908b: 73, 1912c: 18, 1914c: 28.

fallax Schedl 1970b: 367. Holotype ♂; Sabah, Sandakan [Borneo]; PPST, Tokyo.

Distribution: Indonesia (Borneo).

Hosts: Seraya.

References: (ds) Browne 1980d: 491, 1981b: 598; Nobuchi 1977: 133; Schedl 1972f: 212. (tx) Nobuchi 1985: 329; Schedl 1970b: 367, 1972f: 212, 1978a: 30.

fenestrallatus Roberts 1989: 268. Holotype ♀; Papua New Guinea: Divide Logging Area, Bulolo, 1200 m; NHMW, Wien.

Distribution: New Guinea.

Hosts: *Terminalia complanata*.

References: (tx) Roberts 1989: 268–269.

ficus Roberts 1970a: 71. Holotype ♂; Nigeria: Ngel Nyaki For. Res., Mambilla Plateau; MRCB, Tervuren.

Distribution: Africa (Congo/ Nigeria).

Hosts: *Ficus eriobotryoides*, *F. macrosperma*.

References: (ds) Browne 1972c: 100. (tx) Roberts 1970a: 71.

flaris Wood 1972: 246. Holotype ♂; Rancho Grande in Pittier National Park, Aragua, Venezuela; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Eschweilera* sp., *Tabebuia* sp.

References: (tx) Wood, S. L. 1972b: 246.

flipennis Schedl 1979g: 111. Holotype ♀; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1979g: 111.

firmus Schedl 1975g: 227. Holotype ♂; New Guinea, Sepik Area; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975g: 227, 1978a: 30.

flavicornis (Fabricius) 1776: 211. Holotype ♂; America boreali [USA]; UZMC, Copenhagen.

Figures: Atkinson 1989c, Goyer et al. 1980: 18, White 1983: 324.

Distribution: North America (Mexico (?)/ Alabama, Arkansas, Florida, Georgia, Louisiana, Maryland, Mississippi, New Jersey, North Carolina, Oklahoma, South Carolina, Tennessee, E Texas, Virginia, West Virginia in USA).

Hosts: *Pinus* spp.

Notes: (3) Chapuis 1865: 154 (redescribed, =*bidentatus* Dejean 1837: 333, nomen nudum). The occurrence of this species in Mexico could not be confirmed (SLW).

References: (ay) Hopkins 1894g; Stickney 1921: 15. (bv) Atkinson, Foltz, & Connor 1988; Barker, J. A. 1976; Barker, J. A. & Schmid 1976; Coster 1969; Dixon & Payne 1979b; Inscow 1982; Klassen, Ridgway, & Inscow 1982; Madrid, Vite, & Renwick 1972; Renwick, Vite, & Billings 1977. (cn) Anonymous 1966h; Beal et al. 1952: 114–115; Blackman 1950; Chamberlin 1939: 110; Chellman 1958; Doane et al. 1936; Drooz 1985: 375; Fatzinger 1985b; Hertel, Williams, & Merkel 1977; Hopkins 1894: 277; Hubbard 1897b: 15; Luger 1886: 36; Mead 1966a: 4; Moore, H. B. & McGraw 1976; Williams, L. H. 1988: 73. (ec) Chamberlin 1939: 110; Coster 1969; Dixon & Payne 1979b; Kinn 1984c; Savely 1939: 336. (hb) Atkinson 1899c; Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 272; Beal & Massey 1945; Blackman 1922b: 39–40, 1950; Blandford 1896c: 104; Chamberlin 1939: 110; Coster 1969: 1008–

1011; Dalman 1828; Deyrup & Atkinson 1987a: 64; Doane et al. 1936; Drooz 1985: 375; Hetrick 1967; Hopkins 1894g; Hubbard 1897b: 15; Husson 1955: 350; Moore, H. B. & McGraw 1976; Ostmark 1968; White, R. E. 1983. (**ds**) Anonymous 1966h; Atkinson 1989c; Atkinson et al. 1991: 153; Beal & Massey 1945; Blackman 1922b: 39–40; Blackwelder 1947: 789; Blandford 1896e: 104; Blatchley & Leng 1916: 582; Chamberlin 1939: 110; Chapuis 1865; Deyrup & Atkinson 1987a: 64; Drooz 1985: 375; Equihua & Atkinson 1987: 22; Ferrer 1942; Frost 1964: 144; Gemminger & Harold 1872: 2698; Henshaw 1885: 147, 1895: 44; Illiger 1805: 129; Kirk 1969, 1970; Lacordaire 1866: 391; Leng 1920: 337; Melsheimer 1853: 87; Ostmark 1968; Sampson 1928a: 3; Schedl 1933c: 169, 1972f: 223; Schwarz 1878d: 468; Smith, J. B. 1900: 361, 1910: 400; Spahr 1981: 80; Staines, C. L. 1982; Strohmeier 1912c: 10, 1914c: 24; Swaine 1909: 85; Wood, S. L. 1979a: 2. (**tx**) Atkinson 1989c; Beal & Massey 1945: 63–64; Blackman 1922b: 39–40; Blandford 1895: 93–95, 1896e: 104; Blatchley & Leng 1916: 582; Chamberlin 1939: 110; Chapuis 1865: 154–155; Dalman 1828; Dejean 1837: 333; Eggers 1929e: 42; Equihua & Atkinson 1987: 23; Fabricius 1776: 211–212, 1781: 67, 1787: 36, 1792: 364, 1801: 384; Gmelin 1790: 1601; Goyer et al. 1880: 18; Herbst 1793: 118; Hubbard 1897b: 15; Keler 1927d: 232–236; Lacordaire 1866: 391; LeConte 1868: 151, 1876: 343, 1878a: 468; Lucas 1920: 521; Olivier 1795b: 4, 1808: 4; Sampson 1928a: 3; Saunders 1836: 156; Say 1824: 183; Schedl 1935h: 356, 1937c: 14, 1937d: 38, 1940a: 324, 1972f: 223; Strohmeier 1912c: 10, 1914c: 24; Swaine 1909: 85; White, R. E. 1983: 324; Wood, S. L. 1966a: 61, 1979a: 2. (**ms**) Lucas 1920: 521.

flectus Niisima & Murayama 1931: 197. Holotype ♂; Rengeti, Taichu Prov., Formosa; Murayama Collection in USNM, Washington, automatic. Distribution: Asia (Fujian in China/ Japan/ Taiwan).

Hosts: *Psidium guajava*, *Styrax formosanum*.

Notes: (1) Originally named as a subspecies of *lepidus*. (3) Schedl 1972f: 210 (treated as a subspecies of *lepidus*).

References: (**ds**) Nobuchi 1967: 26; Schedl 1972f: 210. (**tx**) Niisima & Murayama in Murayama 1931: 197; Schedl 1972f: 210.

lepidus formosanus Niisima & Murayama in Murayama 1925a: 214. Holotype ♂; Regeti, Taichu Prov., Formosa; Murayama Collection in USNM, Washington, preoccupied by Murayama 1925a: 215, priority by choice of first revisor.

References: (**tx**) Murayama 1925a: 214–215; Niisima & Murayama in Murayama 1931: 197; Schedl 1972f: 210.

murayamaensis Schedl 1941a: 43. Holotype ♂;

Regeti, Taichu Prov., Formosa; Murayama Collection in USNM, Washington, automatic. Notes: (1) This is an unneeded replacement name.

References: (**ds**) Nobuchi 1967: 26, 1977: 139; Schedl 1966g: 30. (**tx**) Schedl 1941a: 43, 1941b: 416–417, 1972f: 210.

flexiosus Schedl 1936c: 232. Lectotype ♂; Guyane Francaise; Riviere Lunier; Schedl Collection in NHMW, Wien.

Distribution: South America (Cayenne).

References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 239. (**tx**) Schedl 1936c: 228, 232, 1972f: 239, 1978b: 30.

forcipatus Schedl 1962k: 1106. Holotype ♂; Kamerun; Schedl Collection in NHMW, Wien.

Figures: Schedl 1972f: 203.

Distribution: Africa (Cameroon/ Nigeria).

Hosts: *Anthonotha* sp.

Notes: (3) Roberts 1966b: 630 (described female).

References: (**ds**) Roberts 1968: 188, 1969: 116; Schedl 1972f: 202. (**tx**) Roberts 1966b: 630; Schedl 1962k: 1106, 1972f: 202–203, 1978a: 31.

forficula Chapuis 1865: 283. Syntypes ♂; des iles Moluques, Batchian; BMNH, London (Schedl 1960c: 54).

Figures: Nakashima 1975: 55.

Distribution: Asia (Burma/ Cambodia/ Assam in India/ Malay/ Thailand/ Vietnam), Indonesia (Borneo, Java, Moluccas, Sumatra), New Britain Island, New Guinea, New Ireland Island.

Hosts: *Actinophora fragrans*, *Artocarpus elastica*, *Bruguiera parviflora*, *Chrysophyllum roxburghii*, *Koompassia excelsa*, *K. malaccensis*, *Rhizophora mucronata*, *Shorea leprosula*, *Sinodora* sp., *Spondias mangifera*, *Sterculia foetida*.

References: (**ay**) Nakashima 1975: 6. (**cn**) Mathur & Singh 1960a: 84, 1961a: 66, 1961b: 41. (**ec**) Nakashima 1975: 6. (**hb**) Browne 1938a, 1941, 1961c: 206; Kalshoven 1960c: 36. (**ds**) Beaver & Browne 1975: 308; Beeson 1941 (1961: 265); Browne 1938a, 1961c: 206, 1970: 576, 1972b: 28, 1980d: 491; Froggatt 1936; Gemminger & Harold 1872: 2698; Kalshoven 1960d: 38; Mathur & Singh 1960b: 41, 1961a: 66, 1961b: 41; Nakashima 1975: 3; Nobuchi 1977: 133; Ohno et al. 1987: 90, 1988b: 98, 1989: 65; Ohno, Yoneyama, & Nakazawa 1982a, 1982b: 5, 10, 1987: 95; Sampson 1928a; Schedl 1936d: 7, 1936g: 515, 1962f: 166, 1966g: 35, 1969a: 206, 1972f: 209, 1974c: 262, 1975a: 453, 1975e: 452, 1979a: 161; Strohmeier 1911f: 204, 1912c: 18, 1914c: 28. (**tx**) Chapuis 1865: 283; Nakashima 1975: 55; Nobuchi 1985: 329; Sampson 1928a: 3; Schedl 1936d: 7, 1939b: 400, 1939e: 336, 1941b: 416, 1942c: 165, 1953b: 124, 1954a: 145, 1960c: 54, 1972f: 209; Strohmeier 1911f: 204, 1912c: 18, 1914c: 28; Wylie & Yule 1977.

forficuloides Schedl 1942a: 212. Syntypes ♂: Malaya, Selangor, Gap; BMNH, London, and Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya).
Notes: (1) Schedl 1978a: 31 (type restricted to BMNH, London material).

References: (ds) Browne 1961c: 212; Schedl 1972f: 198. (tx) Schedl 1942a: 212, 1972f: 198, 1978b: 31.

formosanus Niisima & Murayama in Murayama 1925: 215. Holotype ♂; Rengeti, Taichu Prov., Formosa; Murayama Collection in USNM, Washington.

Distribution: Asia (Japan/Taiwan).

Hosts: *Ficus* sp., *Quercus* sp., *Styrax formosanum*.

Notes: (1) Originally named as a subspecies of *lepidus*.

References: (hb) Murayama 1931b: 197. (ds) Miwa 1931: 266; Murayama 1925a: 215, 1929a: 672, 1931b: 197, 1937c: 578. (tx) Murayama 1925a: 215–216, 1925b: 235; Nobuchi 1967: 11–30; Schedl 1941a: 43, 1960h: 111.

taiwansis Schedl 1960i: 111. Holotype ♂: Rengeti, Taichu Prov., Formosa; Murayama Collection in USNM, Washington automatic.

Notes: (3) Schedl transferred this species from *Platypus* to *Crossotarsus*, thus creating homonymy; then he transferred it back to *Platypus*; this action occurred after 1960, and because of this the original name is restored (SLW).

References: (ds) Nobuchi 1967: 27, 1973b: 16; Schedl 1972f: 189. (tx) Nobuchi 1973b: 16, pl. 2; Schedl 1960i: 111, 1972f: 189.

fossilatus Chapuis 1865: 123. Holotype ♀; Bresil, Ega.; BMNH, London (Schedl 1960c: 16).

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Schedl 1972f: 239; Strohmer 1912c: 9, 1914c: 23. (tx) Chapuis 1865: 123; Schedl 1960c: 16, 1972f: 239; Strohmer 1912c: 9, 1914c: 23.

fractinctus Schedl 1975f: 386. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 385.

fracticornis (Schedl) 1936e: 49 (*Crossotarsus*). Lectotype ♀; N. Guinea S.E., Moroka, 1300 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 31.

Figures: Schedl 1972f: 221.

Distribution: New Guinea.

References: (ds) Schedl 1972f: 221. (tx) Schedl 1936e: 49–50, 1972f: 221, 1978a: 31.

fractocostis Schedl 1972i: 57. Holotype ♂; New Guinea (NE), Wau, Morobe Dist., Kunai Creek, 1250 m; BPBM, Honolulu.

Distribution: New Guinea.

References: (ds) Schedl 1972f: 237. (tx) Schedl 1972f: 237, 1972i: 57, 1978a: 31.

fragosus Schedl 1936c: 228. Holotype ♂; Guyana; Schedl Collection in NHMW, Wien.

Distribution: South America (Cayenne/ Guyana).

References: (ds) Blackwelder 1947: 789; Schedl 1972f: 239. (tx) Schedl 1936c: 228, 1972f: 239, 1978b: 31.

franciai Browne 1962c: 212. Holotype ♂; Philippines: Laguna, Mt. Maquilang; Forest Products Research Institute, Laguna.

Distribution: Philippine Islands (Luzon).

Hosts: *Shorea* sp.

Notes: (1) Browne 1964: 753 (amended the lapsus calami *franciae* to *franciai*). (3) Browne 1985a: 195 (described female).

References: (ds) Browne 1985a: 190; Schedl 1966b: 93, 1972f: 198. (tx) Browne 1962c: 212, 1964: 753, 1970: 577, 1985a: 195; Schedl 1972f: 198.

fraterculus Schedl 1941c: 361. Syntypes ♂ ♀; Java, Mount Gede, 800 m; Kalshoven Collection, and Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya), Indonesia (Borneo, Java), Nicobar Islands.

Hosts: *Castanea argentea*, *Cinnamomum camphora*, *Endriandra rubescens*, *Marumia muscosa*, *Shorea leprosula*, *Xanthophyllum* sp.

Notes: (1) Schedl 1978a: 31 (citation of holotype invalid).

References: (hb) Kalshoven 1960c: 39. (ds) Browne 1949b, 1961a: 313, 1961c: 211; Kalshoven 1960d: 39; Schedl 1971f: 150, 1972f: 200. (tx) Browne 1949b; Schedl 1941c: 361, 1942a: 172, 1965g: 28, 1972f: 200, 1978a: 31.

froggatti Sampson in Froggatt 1926: 259. Lectotype ♂; Sydney, N.S.W., Australia; BMNH, London.

Figures: Brimblecombe 1951: 2 in reprint.

Distribution: Australia (New South Wales, Queensland).

Hosts: *Araucaria cunninghamii*.

Notes: (1) Froggatt (1926b: 259) published this as a new species under Sampson's name after Sampson had designated it as an undescribed species.

References: (cn) Brimblecombe 1951: 69–105, 1956; Browne 1968b: 570; Froggatt 1926b: 259, 1927. (hb) Brimblecombe 1951: 69–105, 1956; Browne 1968b: 570; Froggatt 1926b: 259, 1927. (ds) Browne 1968b: 570. (tx) Browne 1970: 580; Carne et al. 1980; Sampson in Froggatt 1926b: 259; Schedl 1972f: 184.

pseudoopacus Schedl 1936g: 517. Lectotype ♂; New South Wales: Dorriggo; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1978a: 58.

References: (ds) Schedl 1936g: 517, 1962i: 74, 1972f: 184. (tx) Browne 1970: 580; Schedl 1936g: 517, 1958i: 215, 1972f: 184, 1978a: 58.

frontebulbifer Schedl 1979g: 112. Holotype ♀; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1979g: 112.

fugax Schedl 1975g: 228. Holotype ♂; New Guinea, Wau; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975g: 228, 1978b: 31.

fulgens Schedl 1951i: 97. Syntypes 2 ♂; Saigon; Schedl Collection in NHMW, Wien.

Distribution: Asia (Vietnam).

References: (ds) Schedl 1972f: 198. (tx) Nunberg 1960: 624; Schedl 1951i: 97, 1969a: 216, 1972f: 198, 1978a: 32.

fulgidus Browne 1986b: 340. Holotype ♂; New Guinea: Fakfak to Nagoya (Japan), imported; BMNH, London.

Distribution: New Guinea.

Hosts: *Pimeleodendron* log.

References: (tx) Browne 1986b: 340.

fulmeki (Schedl) 1935j: 1 (*Crossotarsus*). Holotype ♂; Sumatra, Medan; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Sumatra).

References: (ds) Schedl 1972f: 201. (tx) Schedl 1935j: 1, 1972f: 201, 1978a: 32.

furcatus Blandford 1895a: 325. Syntypes ♂ ♀; Ceylon, Dikoya; BMNH, London.

Distribution: Asia (Sri Lanka).

Hosts: *Acacia* spp., *Colophyllum walkeri*, *Cupressus macrocarpa*, *Elacocarpus serratus*, *Eucalyptus robusta*, *Gordonia zeylanica*, *Litsaea zeylanica*, *Michelia nilagirica*.

References: (cn) Mathur & Singh 1960a: 40, 1960b: 20; Roonwal 1954: 19. (ds) Beeson 1941 (1961: 265); Mathur & Singh 1960a: 40, 1960b: 20; Roonwal 1954: 19; Schedl 1959a: 512, 1962f: 166, 1972f: 198. (tx) Blandford 1895a: 325; Schedl 1959a: 512, 1972f: 198.

fuscus Chapuis 1865: 134. Syntypes 2 ♂; du Bresil; 1 in MNB, Berlin, 1 in IRSNB, Brussels (Schedl 1960c: 18).

Distribution: South America (Brazil).

Notes: (3) Schedl 1960c: 18 (described female).

References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Schedl 1966f: 92, 1967d: 4, 1972f: 239, 1972g: 48, 1976a: 57; Strohmeier 1912c: 9, 1914c: 23. (tx) Chapuis 1865: 134; Schedl 1936c: 230, 1937d: 37, 1951h: 285, 1952d: 363, 1960c: 18, 1972f: 239, 1978b: 32; Strohmeier 1912c: 9, 1914c: 23.

gabensis Schedl 1974d: 467. Holotype ♂; Block 10, New Guinea Industries logging area, Gabensis, Morobe District, CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Terminalia complanata*.

Notes: (1) Roberts 1989: 269 (originally a subspecies of *cordiger*, raised to species rank).

References: (tx) Roberts 1989: 269; Schedl 1974d: 467, 1978b: 21.

gagates Schedl 1976a: 89. Holotype ♂; Rio Caraguata, Matto Grosso, Brazil; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1976a: 89.

galbulimimae Roberts & Morimoto 1986: 169. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.

Distribution: New Guinea.

Hosts: *Galbulimima* sp.

References: (tx) Roberts & Morimoto 1986: 169.

gemellus (Schedl) 1936e: 48 (*Crossotarsus*). Lectotype ♂; N. Guinea, Moroka, 1300 m; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (ds) Schedl 1972f: 221. (tx) Schedl 1936e: 48–50, 1972f: 221, 1978a: 32.

geminatus Chapuis 1865: 239. Syntypes 2♀, ♀; de la Nouvelle-Hollande; 1 in MNB, Berlin, 1 ♀ in MNHN, Paris.

Distribution: Asia (Malaya), Australia, Bougainville Island, Indonesia (Borneo, Celebes, Sumatra, Sumbawa), New Guinea, Philippine Islands (Luzon), Solomon Islands.

Hosts: *Albizzia* sp., *Cassia javanica*, *Polyosma* sp., *Scaphium affine*.

References: (cn) Froggatt 1926b. (hb) Froggatt 1926b. (ds) Beeson 1938b: 295; Browne 1981a: 126; Choo, Woo, & Kim 1981: 202; Gemminger & Harold 1872: 2698; Nobuchi 1977: 124; Ohno, Yoneyama, & Nakazawa 1987a: 95, 1987b: 90; Ohno et al. 1988b: 98, 1989: 65; Schedl 1937d: 40, 1938g: 423, 1965g: 23, 1966b: 93, 1966g: 33, 1969a: 207, 1969e: 156, 1971c: 367, 1972f: 189; Strohmeier 1912c: 16, 1914c: 26. (tx) Chapuis 1865: 239; Nobuchi 1985: 329; Schedl 1960c: 45–46, 1972f: 189; Strohmeier 1912c: 16, 1914c: 26. *turbatus* Chapuis 1865: 242. Syntypes ♂; de l'île

Lucon, Manille; 1 in MNB, Berlin, 1 in IRSNB, Brussels (Schedl 1960c: 46). Synonymy: Schedl 1972f: 190.

References: (hb) Browne 1935a, 1941. (ds) Baer 1886; Beeson 1941 (1961: 267); Browne 1935a; Gemminger & Harold 1872: 2700; Sampson 1928a: 3; Schedl 1936j: 22, 1962i: 75, 1964c: 305; Strohmeier 1912c: 16, 1914c: 27. (tx) Chapuis 1865: 242; Sampson 1928a: 3; Schedl 1937d: 33, 40, 1938g: 423, 1942c: 164, 1952b: 365, 1955b: 282, 1960c: 45–46, 1972f: 190; Strohmeier 1911b: 17, 1912c: 16, 1914c: 217; Wylie & Yule 1977.

gerstaeckeri Chapuis 1865: 240. Syntypes ♂ ♀; des îles Figi; 1 ♀ BMNH, London, 1 ♂ IRSNB, Brussels.

Distribution: Australia, Fiji Islands, New Guinea.

Hosts: *Swietenia macrophylla*.

References: (bv) Roberts 1977c. (cn) Lever 1938: 14–18, 1940a: 38; Roberts 1977b: 563, 1977c. (hb) Roberts 1977b: 563, 1977c. (ds) Beeson

- 1938b: 295; Gemminger & Harold 1872: 2698; Roberts 1977b: 563; Schedl 1972f: 202, 1979h: 158; Strohmeier 1912c: 16, 1914c: 26. **(tx)** Chapuis 1865: 240; Fairmaire 1881: 468; Schedl 1941e: 154, 1942c: 163–164, 1950f: 35, 41, 1960c: 45, 1972f: 202; Strohmeier 1912c: 16, 1914c: 26. **(ms)** Roberts 1977c.
- giluwe** Roberts 1979: 87. Holotype ♂; Papua New Guinea: 14 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Ficus* sp., *Syzygium* sp.
References: **(tx)** Roberts 1979: 87.
- glabratus** Roberts 1972: 69. Holotype ♂; West Cameroon: Buea, 4000 feet; BMNH, London.
Distribution: Africa (Cameroon).
Hosts: *Ficus vogeliana*.
References: **(tx)** Roberts 1972: 69.
- globicollis** Schedl 1979g: 112. Holotype ♀?; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1979g: 112.
- glochideus** Roberts & Morimoto 1986: 170. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Planchonella* sp.
References: **(tx)** Roberts & Morimoto 1986: 170.
- godmani** Blandford 1896e: 101. Syntypes ♂ ♀; Guatemala, Sinanja in Vera Paz; BMNH, London.
Figures: Blandford 1896e: pl. 4, fig. 10.
Distribution: North America (Guatemala).
References: **(ds)** Blackwelder 1947: 789; Equihua & Atkinson 1987: 23; Schedl 1972f: 239; Strohmeier 1912c: 9, 1914c: 23. **(tx)** Blandford 1896e: 101–102; Equihua & Atkinson 1987: 23; Nunberg 1939: 228, 232; Schedl 1972f: 239; Strohmeier 1912c: 9, 1914c: 23.
- goilalae** Schedl 1975f: 387. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1975f: 387.
- gongylodes** Roberts & Morimoto 1986: 170. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Syzygium* sp.
References: **(tx)** Roberts & Morimoto 1986: 170.
- gotoi** Browne 1981b: 604. Holotype ♂; Muara Sabak (Sumatra) to Ishinomaki (Japan), imported; BMNH, London.
Distribution: Indonesia (Sumatra).
References: **(tx)** Browne 1981b: 604.
- gracilicornis** (Schedl) 1936e: 49 (*Crossotarsus*). Syntypes ♂; N. Guinea S.E., Moroka, 1300 m; MCG, Genova, and Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Notes: (1) Schedl 1978a: 33 (citation of holotype invalid). (3) Schedl 1942c: 200 (described female).
References: **(ds)** Schedl 1972f: 221. **(tx)** Schedl 1936e: 49, 1942c: 200, 1972f: 221, 1978a: 33, 1978b: 33.
- gracilior** Browne 1984f: 63. Holotype ♂; New Guinea: Morobe District, Mount Kaindi, 2350 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Nothofagus carrii*.
References: **(tx)** Browne 1984f: 63.
- gracilis** Broun 1893: 1254. Syntypes?; New Zealand; Broun Collection.
Figures: Milligan 1979: fig. 5.
Distribution: New Guinea, New Zealand.
References: **(bv)** Milligan 1974, 1982a; Ytsma 1986. **(cn)** Milligan 1974, 1979, 1982a. **(ec)** Milligan 1974; Payton 1989; Zervos 1980. **(hb)** Milligan 1970a, 1979; Neumann & Harris 1974: 135. **(ds)** Broun 1887; Hutton 1904: 219; Milligan 1979; Schedl 1972f: 203; Strohmeier 1912c: 19, 1914c: 29. **(tx)** Broun 1893: 1254; Milligan 1979: fig. 5; Milligan, Osorne, & Ytsma 1988; Milligan & Ytsma 1988; Schedl 1972f: 203; Strohmeier 1912c: 19, 1914c: 29; Ytsma 1988. **(ms)** Ytsma 1986.
- inimicus** Broun 1910: 71. Holotype ♂; New Zealand: Raurimu; Broun Collection. Synonymy: Schedl 1972f: 203.
References: **(tx)** Broun 1910: 71; Schedl 1939e: 362, 1941c: 360, 1972f: 203.
- granarius** Schedl 1952d: 363. Holotype ♂; Paraguay, Hohenau; Schedl Collection in NHMW, Wien.
Distribution: South America (Paraguay).
References: **(ds)** Schedl 1972f: 239. **(tx)** Schedl 1952d: 363, 1972f: 239, 1978a: 33.
- grandiporus** Schedl 1961i: 232. Holotype ♀; Bolivia; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: **(ds)** Schedl 1972f: 242. **(tx)** Schedl 1961i: 232, 1972f: 242, 1978a: 33.
- granifer** Schedl 1942a: 200. Holotype ♂; Malaya, Rotan Tunggal F.R.; BMNH, London.
Distribution: Asia (Malaya).
Hosts: *Vatica* sp.
References: **(ds)** Browne 1961c: 199; Schedl 1972f: 213. **(tx)** Schedl 1942a: 200, 1972f: 213.
- granosus** Browne 1986b: 341. Holotype ♂; New Guinea: Fak fak to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: *Penarahan* (Myristicaceae) log.
References: **(tx)** Browne 1986b: 341.

- granulipennis* Schedl** 1975g: 228. Holotype ♂; Australien, New South Wales, Williams R.; Schedl Collection in NHMW, Wien.
Distribution: Australia (New South Wales), New Guinea.
References: (ds) Schedl 1979a: 159. (tx) Schedl 1975g: 228, 1978a: 33.
- granulosus* Browne** 1984c: 455. Holotype ♂; Manokwari (West Irian) to Nagoya (Japan), imported.
Distribution: New Guinea.
Hosts: *Pometia* sp.
References: (tx) Browne 1984c: 455.
- graji* Schedl** 1972i: 59. Holotype, sex?; Namarodu, New Ireland Dist.; CSIRO, Canberra.
Distribution: Bougainville Island, New Ireland Island.
References: (ds) Schedl 1972a: 193. (tx) Schedl 1972f: 193, 1972i: 59, 1978a: 34.
- graji immersus* Schedl** 1972i: 60. Holotype ♂; Tonolei, Bougainville Dist., New Ireland; CSIRO, Canberra.
References: (ds) Schedl 1972f: 193. (tx) Schedl 1972f: 193, 1972i: 60, 1978a: 34.
- gregalis* Schedl** 1936c: 227. Lectotype ♂; Guyane Française, St.-Laurent du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 34.
Distribution: South America (Cayenne/ Guyana).
References: (ds) Blackwelder 1947: 789; Schedl 1934a: 247, 1972f: 239. (tx) Schedl 1934a: 247, 1936c: 227, 1972f: 239, 1978a: 34.
- grumosus* Roberts & Morimoto** 1986: 171. New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Agathis alba*.
References: (tx) Roberts & Morimoto 1986: 171.
- guadeloupensis* Schedl** 1935i: 45. Lectotype ♂; Guadeloupe; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 34.
Distribution: Antilles Islands (Guadeloupe).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 214. (tx) Schedl 1935i: 45, 1972f: 214, 1978a: 34.
- gumicus* Roberts** 1986: 51. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Galbulimima* sp.
References: (tx) Roberts 1986: 51.
- gumiensis* Roberts** 1989: 270. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
Hosts: *Garcinia* sp.
References: (tx) Roberts 1989: 270, 286.
- haagi* Chapuis** 1865: 173. Syntypes ♂♀; du Mexique; 1 ♂, 1 ♀ in BMNH, London (Schedl 1960c: 28).
Distribution: North America (Veracruz in Mexico/ Panama).
References: (ds) Blackwelder 1947: 789; Blandford 1896e: 107; Equihua & Atkinson 1987: 23; Ferrer 1942; Gemminger & Harold 1872: 2698; Schedl 1972f: 231; Strohmeier 1912c: 11, 1914c: 24. (tx) Blandford 1896e: 101; Chapuis 1865: 173; Equihua & Atkinson 1987: 23; Schedl 1940a: 324, 1952a: 462, 1960c: 28, 1972f: 231; Strohmeier 1912c: 11, 1914c: 24.
- hamaticeps* Schedl** 1942a: 205. Lectotype ♂; Malaya, Negri Sembilan, Pasoh F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 34.
Distribution: Asia (Malaya).
References: (ds) Schedl 1972f: 198. (tx) Schedl 1942a: 205, 1972f: 198, 1978a: 34.
- hamaticollis* Schedl** 1942a: 204. Lectotype ♂; Malaya, Perak, Trolak F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 34.
Distribution: Asia (India/ Malaya), Indonesia (Borneo).
Hosts: *Amoora spectabilis*, *Garcinia* sp., *Gonystylus bancanus*.
References: (ds) Browne 1961c: 210; Schedl 1969c: 64, 1972f: 186. (tx) Schedl 1942a: 203, 1972f: 186, 1978b: 34.
- garciniae* Browne** 1961a: 314. Holotype ♂; Sarawak: Bako National Park; BMNH, London. Synonymy: Schedl 1972f: 186.
References: (ds) Parsons 1963: 352. (tx) Browne 1961a: 314; Schedl 1972f: 186.
- hamatipennis* Schedl** 1970b: 364. Holotype ♂; Malaya, Singapore to Nagoya (Japan), imported; Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya).
Hosts: *Sepetir*.
References: (ds) Nobuchi 1977: 115; Schedl 1972f: 220. (tx) Schedl 1970b: 364–365, 1972f: 220, 1978b: 34.
- hamatulus* Schedl** 1942a: 204. Holotype ♂; Malaya, Bukit, Kajang F.R.; Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya).
Hosts: *Pseudoeugenia* sp.
References: (ds) Browne 1961c: 198, 1980d: 492; Schedl 1972f: 206. (tx) Schedl 1942a: 203–204, 1972f: 206, 1978a: 34.
- hamatus* Blandford** 1894d: 138. Syntypes 2 ♂; Yuyama and Miyanoshita, Japan; BMNH, London.
Figures: Nobuchi 1973b: pl. 2.
Distribution: Asia (Japan).
Notes: (3) Murayama 1953: 37 (described female).
References: (ds) Blandford 1894c: 579; Murayama 1929a: 673, 1937c: 579, 1954b: 188; Nobuchi

1973b: 12; Schedl 1972f: 210; Strohmeier 1912c: 18, 1914c: 28. (**tx**) Blandford 1894d: 138; Murayama 1925b: 235, 1953: 37, 1954b: 188; Nobuchi 1973b: 12, pl. 2; Schedl 1934f: 1647, 1941b: 416, 1972f: 210; Strohmeier 1912c: 18, 1914c: 28.

hashimotoi Browne 1986b: 338. Holotype ♂: Fakfak (New Guinea) to Nagoya (Japan), imported; BMNH, London.

Distribution: New Guinea.

Hosts: *Nayatoh* (Sapotaceae) log.

References: (**tx**) Browne 1986b: 338.

hastulifer Schedl 1959d: 68. Holotype ♂: Crocodile Is., Millingimbi, N. Australia; F. E. Wilson Collection.

Distribution: Australia (Northern Australia).

References: (**ds**) Schedl 1959d: 67, 1972f: 198.

(**tx**) Schedl 1959d: 67–68, 1972f: 198, 1978a: 35.

hebetatus Roberts 1986: 43. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.

Distribution: New Guinea.

Hosts: *Xanthophyllum papuanum*.

References: (**tx**) Roberts 1986: 43.

heterodoxus Schedl 1967f: 162. Holotype ♀; Borneo, Xantus; NHMB, Budapest.

Distribution: Indonesia (Borneo).

References: (**ds**) Schedl 1972f: 210. (**tx**) Schedl 1967f: 162–163, 1972f: 210.

hians Chapuis 1865: 167. Syntypes ♀; du Bresil; 1 in BMNH, London, 1 apparently lost with Stettin Museum.

Figures: Bright 1972d: 19.

Distribution: Antilles Islands (Bahamas Islands/ Barbados/ Guadeloupe/ Jamaica), North America (Costa Rica/ Panama), South America (Bolivia/ Brazil/ Cayenne/ Guyana/ Paraguay/ Peru/ Suriname/ Venezuela).

Hosts: *Castilloa costaricensis*.

References: (**ds**) Blackwelder 1947: 789; Bright 1972d: 18; Equihua & Atkinson 1987: 23; Gemminger & Harold 1872: 2698; Schedl 1960a: 76, 1963f: 64, 1966f: 92, 1972f: 231, 1972g: 48, 1973a: 368, 1978c: 292; Strohmeier 1912c: 11, 1914c: 24. (**tx**) Bright 1972d: 18–19; Chapuis 1865: 167; Equihua & Atkinson 1987: 23; Keler 1927a: 235; Schedl 1960c: 27, 1972f: 231; Strohmeier 1912c: 11, 1914c: 24.

apertus Chapuis 1865: 169. Syntypes ♂; Guadeloupe; 1 in BMNH, London (Schedl 1960c: 27). Synonymy: Schedl 1972f: 231.

References: (**ds**) Blackwelder 1947: 788; Fleutiaux & Salle 1890: 458; Gemminger & Harold 1872: 2697; Schedl 1933c: 171; Strohmeier 1912c: 10, 1914c: 24. (**tx**) Chapuis 1865: 169; Keler 1927a: 235; Schedl 1933c: 171, 1934e: 212, 1941e: 155, 1960c: 27, 1972f: 231; Strohmeier 1912c: 10, 1914c: 24.

perpusillus Chapuis 1865: 171. Syntypes ♂ ♀; ♀ du Bresil, Ega, ♂ Caracas; 1 ♀ MNB, Berlin, 2 ♂ in BMNH, London. Synonymy: Schedl 1972f: 231.

References: (**ds**) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Nunberg 1963c: 107; Strohmeier 1912c: 12, 1914c: 25. (**tx**) Chapuis 1865: 171; Nunberg 1939: 241, 1940: 69; Schedl 1936c: 238, 1937d: 39, 1960c: 28, 1972f: 231; Strohmeier 1912c: 12, 1914c: 25, 1960c: 28.

hinchuachani Schedl 1939e: 361. Holotype ♀; Hin-chua-Chan, Malaya; Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya).

References: (**ds**) Schedl 1972f: 194. (**tx**) Schedl 1939e: 361, 1972f: 194, 1978a: 35.

hintzi Schaufuss 1897b: 103. Syntypes ♂: Gemein [Zaire?]; Hamburg Museum, lost.

Figures: Lhoste & Roche 1960: fig. 2, Mayne & Donis 1962: 282, Roche & Lost 1960: figs. a-b.

Distribution: Africa (Angola/ Cameroon/ Central African Republic/ Congo/ Ethiopia/ Fernando Po Island/ French Guinea/ Gabon/ Ghana/ Ivory Coast/ Kenya/ Malawi/ Mozambique/ Namibia/ Niger/ Nigeria/ Ruanda/ Senegal/ Sierra Leone/ South Africa/ Spanish Guinea/ Sudan/ Tanzania/ Togo/ Uganda/ Zaire/ Zambia/ Zimbabwe).

Hosts: Browne 1963a: 250–251, Schedl 1962k: 609–616 (many hosts listed).

Notes: (3) Nunberg 1967b: 325 (named aberration *niger*, no status).

References: (**ay**) Entwistle 1963b; Farris & Funk 1965: 531; Lhoste & Roche 1959: 76–86, 1960; Mayne & Donis 1960: 98; Roche & Lhoste 1960: 2056. (**bv**) Entwistle 1963b; Loytyniemi, Beaver, & Loytyniemi 1985: 28. (**cn**) Alliot & Ivanès 1950: 163–168; Anonymous 1953j: 25; Beaver 1988a: 69; Browne 1961e: 10, 1968b: 571; Cachan 1957: 5–6, 15, 42–53; Halperin & Menier 1981; Mayne & Donis 1951: 337; Roberts 1961a: 41, 1969: 117; Sallenove 1948: 435; Vrydagh 1947a: 8. (**ec**) Anonymous 1953j: 25; Browne 1961e: 10; Farris & Funk 1965: 531; Jover 1952: 73–81; Mayne & Donis 1951: 337; Roche & Lhoste 1960: 2056; Sallenove 1948: 435; Schedl 1958d: 189, 1962k: 600; Smiley & Moser 1984. (**hb**) Beaver 1988a: 69; Beaver & Loytyniemi 1985b: 116; Browne 1963a: 250, 1968b: 571; Entwistle 1963b; Jones, Roberts, & Baker 1959: 13–54; Jover 1952; Loytyniemi, Beaver, & Loytyniemi 1985: 28; Roberts 1961a; Schedl 1958d: 189, 1962k: 600; Thompson, G. H. 1963: 58; Webb & Jones 1957: 25–41. (**ds**) Amaro & Gouveia 1957: 99–100, 131, 141; Beaver 1988a: 69; Beaver & Loytyniemi 1985b: 116; Browne 1961e: 10, 1963a: 250, 1968b: 571, 1972c: 100, 1975a: 757, 1975b: 396; Cola 1971, 1973; Collart 1934: 249; Ferreira 1965: 1129; Gardner 1957a: 29; Halperin & Menier 1981; Hargreaves 1937: 509; Lee 1971: 30; Mayne & Donis 1962: 282; Menier 1973a; Monteiro Guimaraes 1959: 159; Nunberg 1952: 22, 1960a: 301, 1965b: 22; Roberts 1960a: 35–37, 1960e,

- 1960f, 1961a: 39–43, 1961b: 53–60, 1968: 188; Schedl 1933f: 192, 1937f: 15, 1938d: 452, 1959p: 22, 1961d: 178, 1962h: 63, 1962k: 600–601, 1964f: 619, 1964i: 249, 1964j: 42, 1965e: 356, 1965g: 21, 1966a: 276, 1966c: 229, 1966g: 37, 1967e: 220, 1968b: 145, 1969d: 4, 1971e: 1, 1971f: 150, 1971g: 196, 1972e: 284, 1972f: 231, 1972k: 296, 1975h: 351, 1977d: 279, 1979b: 416, 1982: 279; Spahr 1981: 80; Strohmeier 1912c: 11, 1914c: 24; Thompson, G. H. 1963: 58; Vrydagh 1947a: 8; Wood, S. L. 1957e: 1272. **(tx)** Eggers 1936b: 33; Lhoste & Roche 1960: fig. 2; Mayne & Donis 1962: 282; Numberg 1952: 22, 1962: 325, 1967b: 325; Powell, W. 1987: 28; Roche & Lhoste 1960: fig. a, b; Schaufuss 1897b: 103; Schedl 1933f: 192, 1936e: 51, 1936f: 102, 1937d: 39, 1937f: 15–17, 1939g: 167, 1941d: 381, 1941e: 155, 1950c: 205, 1950d: 4, 10, 14, 18, 1950e: 212, 1951e: 39, 1951g: 1104, 1952g: 53, 1952j: 5, 1953g: 243, 1954d: 874, 1954e: 48, 58, 1955c: 31, 1955d: 268–271, 1955i: 213, 1962k: 600, 1972f: 231; Strohmeier 1912c: 11, 1912f: 78, 1914c: 24.
- dispar* Schaufuss 1897b: 108. Syntypes ♂ ♀; Gabun; Hamburg Museum, lost. Synonymy: Schedl 1937d: 39.
- References: **(ec)** Hughes & Jackson 1958: 57; Krezal 1959: 611; Vitzthum 1923: 162. **(hb)** Strohmeier 1911a: 182. **(ds)** Schedl 1933f: 192; Strohmeier 1911a: 182, 1911f: 204, 1912c: 11, 1914c: 24. **(tx)** Jeannel 1949: 989; Schaufuss 1897b: 108; Schedl 1933f: 192, 1937d: 39, 1972f: 231; Strohmeier 1912c: 11, 1912f: 78, 1914c: 24.
- penetralis* Sampson 1922: 140. Syntypes ♂ ♀; Portuguese East Africa: Xinavane; BMNH, London. Synonymy: Schedl 1937d: 39.
- References: **(cn)** Slow 1954. **(ds)** Schedl 1933f: 192. **(tx)** Sampson 1922a: 140, 1924c: 129; Schedl 1933f: 192, 1937d: 39, 1972f: 231.
- hippocrepicus** Roberts 1986: 44. Holotype ♂; New Guinea: Papua, Popodetta; BMNH, London. Distribution: New Guinea.
- Hosts: *Amoora* sp.
- References: **(tx)** Roberts 1986: 44.
- hirtellus** Schedl 1936e: 55. Syntypes ♂; Mentawai Island, Sipora Sereinu; MCG, Genova, and Schedl Collection in NHMW, Wien.
- Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo, Mentawai), Samoan Islands.
- Hosts: *Palaquium* sp.
- Notes: (1) Schedl 1978a: 35 (citation of holotype invalid).
- References: **(hb)** Browne 1961c: 200. **(ds)** Beaver 1976b: 545; Browne 1961a: 312, 1961c: 200, 1980a: 372, 1980d: 381, 1986c: 662; Schedl 1964c: 305, 1972f: 185. **(tx)** Browne 1961a: 312, 1970: 578; Schedl 1936e: 55, 1942a: 172, 200, 1964g: 251, 1972f: 185, 1978a: 35.
- hirtus** Schedl 1955b: 310. Holotype ♂; Dutch New Guinea, Maffin Bay; CAS, San Francisco.
- Distribution: New Guinea, Philippine Islands.
- Hosts: *Diospyros* sp.
- Notes: (1) Browne 1966: 235 (raised from subspecies of *solidus* to species rank). (3) Schedl 1972h: 66 (described female).
- References: **(ds)** Browne 1966: 235; Schedl 1972f: 198. **(tx)** Browne 1966: 235; Nobuchi 1985: 329; Schedl 1955b: 282, 310, 1972f: 198, 1972h: 66–67, 1978a: 35, 67.
- histris** (Schedl) 1969a: 217 (*Platyscapus*). Holotype ♂; Borneo (Sarawak), Lawas to Tokyo (Japan), imported; PPST, Tokyo.
- Figures: Nobuchi 1978a: 80.
- Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).
- Hosts: *Shorea* sp.
- References: **(ds)** Browne 1983a: 555; Nobuchi 1977: 122; Schedl 1972f: 190. **(tx)** Nobuchi 1978a: 80, 1978b: 78; Schedl 1969a: 217–218, 1972f: 190.
- holdhausi** Schedl 1935e: 176. Lectotype ♀; Brasilien; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 35.
- Distribution: South America (Brazil).
- References: **(ds)** Blackwelder 1947: 789; Schedl 1972f: 239. **(tx)** Schedl 1935e: 176, 1972f: 239, 1978a: 35.
- horishensis** Murayama 1928a: 284. Holotype ♂; Formosa; Horisha; Murayama Collection in USNM, Washington.
- Distribution: Asia (Taiwan).
- References: **(ds)** Browne 1972f: 217; Miwa 1931: 266; Murayama 1929a: 674, 1937c: 579; Nobuchi 1967: 26; Schedl 1972f: 217. **(tx)** Murayama 1928a: 284; Schedl 1972f: 217.
- hospes** Schedl 1964g: 253. Holotype ♂; Sarawak, Semengoh; BMNH, London.
- Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).
- Hosts: *Campnosperma* sp.
- References: **(ds)** Schedl 1972f: 227. **(tx)** Schedl 1964g: 253, 1969b: 232, 1972f: 227, 1978a: 35.
- humilis** Chapuis 1865: 229. Holotype ♀; de Caraccas; lost? (Schedl 1960c: 43).
- Distribution: South America (Cayenne/ Venezuela).
- Notes: (3) Schedl 1936c: 241 (described male).
- References: **(ds)** Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Schedl 1972f: 218; Strohmeier 1912c: 14, 1914c: 26. **(tx)** Chapuis 1865: 229; Schedl 1936c: 241, 1939b: 394, 1960c: 43, 1972f: 218, 1978b: 35; Strohmeier 1912c: 14, 1914c: 26.
- hybridus** Schedl 1935b: 395. Holotype ♂; Philippine Islands; Schedl Collection in NHMW, Wien.
- Distribution: Asia (Burma/ Assam in India/ Malaya/ Pakistan/ Thailand/ Vietnam), Indonesia

- (Java), New Guinea, Philippine Islands (Mindanao), Lesser Sunda Islands (Bali).
 Hosts: *Alphonsia ventricosa*, *Diospyros pseudo-ebenum*, *Meilosoma simplicifolia*, *Odina wodier*, *Shorea leprosula*.
 Notes: (3) Browne 1955: 371 (described female), Beeson 1961: 266 (*seni*, nomen nudum, synonymy in Schedl 1969c: 69).
 References: (**hb**) Browne 1961c: 198; Kalshoven 1960c: 36. (**ds**) Beaver & Browne 1975: 309; Browne 1961c: 198, 1981b: 598; Kalshoven 1960: 36; Schedl 1938g: 423, 1962f: 166, 1962i: 73, 1966b: 93, 1969c: 69, 1972f: 192, 1975a: 453. (**tx**) Beeson 1941 (1961: 266); Browne 1955: 371; Nobuchi 1985: 329; Schedl 1935b: 395–396, 1938g: 423, 1941a: 43, 1953c: 291, 1958b: 102, 1972f: 192, 1978a: 36.
- ignotus** Schedl 1936c: 232. Holotype ♂; Suriname; Schedl Collection in NHMW, Wien.
 Distribution: South America (Suriname).
 References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 239. (**tx**) Schedl 1936c: 227, 232, 1972f: 239.
- imberbis** Roberts 1989: 271. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2000 m; NHMW, Wien.
 Distribution: New Guinea.
 Hosts: *Myristica* sp.
 References: (**tx**) Roberts 1989: 271.
- imitatrix** Schedl 1972f: 195–196. Holotype ♂; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil).
 References: (**ds**) Schedl 1972f: 195, 1973d: 163, 1976a: 57. (**tx**) Schedl 1972f: 195–196 (footnote).
- immunis** Schedl 1959m: 556. Holotype ♂; Matto Grosso: Rio Caraguata; Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil).
 References: (**ds**) Schedl 1966f: 93, 1970e: 86, 1972f: 231, 1972g: 48, 1976a: 57. (**tx**) Schedl 1959m: 556, 1972f: 231, 1978a: 36.
- imparidens** Browne 1981b: 604. Holotype ♂; Kimi (New Guinea) to Yatsushiro (Japan), imported; BMNH, London.
 Distribution: New Guinea.
 References: (**tx**) Browne 1981b: 604.
- impolitus** Roberts 1972: 70. Holotype ♂; West Cameroon: Bafut-Ngemba Forest Reserve, 5000 feet; BMNH, London.
 Distribution: Africa (Cameroon).
 Hosts: *Fagara macrophylla*, *Polyscias fulva*.
 References: (**tx**) Roberts 1972: 70.
- imporcatus** Blandford 1896e: 100. Holotype ♂; Panama, Volcan de Chiriqui; BMNH, London.
 Distribution: North America (Panama).
 References: (**ds**) Blackwelder 1947: 789; Equihua & Atkinson 1987: 23; Schedl 1972f: 239; Stroh-
 meyer 1912c: 9, 1914c: 23. (**tx**) Blandford 1896e: 100–101; Equihua & Atkinson 1987: 23; Schedl 1933a: 400, 1972f: 239; Strohmeyer 1912c: 9, 1914c: 23.
- impressifrons** Schedl 1942a: 208. Lectotype ♀; Malaya, Buloh F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 36.
 Distribution: Asia (Malaya).
 Hosts: *Shorea leprosula*.
 References: (**ds**) Browne 1961c: 202; Schedl 1972f: 242. (**tx**) Schedl 1942a: 208, 1972f: 242, 1978a: 36.
- impressus** (Strohmeyer) 1912f: 82 (*Crossotarsus*).
 Syntypes ♂; Ostafrika; MNB, Berlin and Strohmeyer Collection.
 Distribution: Africa (Cameroon/ Congo/ Ethiopia/ Fernando Po Island/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Sierra Leone/ South Africa/ Tanzania/ Togo/ Uganda/ Zaire).
 Hosts: Schedl 1962k: 655–656 (45 host species listed).
 References: (**bv**) Loyttniemi, Beaver, & Loyttniemi 1985: 28. (**hb**) Beaver & Loyttniemi 1985b: 116; Loyttniemi, Beaver, & Loyttniemi 1985: 28; Roberts 1969: 117; Schedl 1962k: 653–657; Strohmeyer 1911a: 182. (**ds**) Beaver & Loyttniemi 1985b: 116; Mayne & Donis 1951: 336, 1960: 98, 1962: 285; Schedl 1933f: 203, 1962h: 62–63, 1962k: 653, 1107, 1964f: 619, 1965g: 21, 1967e: 220, 1972f: 215, 1979h: 416; Scott 1936: 33; Strohmeyer 1911a: 182, 1912c: 6, 1914c: 36. (**tx**) Eggers 1936b: 33; Schedl 1933f: 202–203, 1937d: 42, 1938d: 452, 1941d: 415, 1950d: 34, 1950g: 896, 1954d: 874, 1954e: 48–73, 1957d: 119–121, 1965: 21, 1970: 228, 1972f: 215; Strohmeyer 1912c: 6, 1912f: 82–85, 1914c: 36.
- mordax** Sampson 1924c: 131. Holotype ♂; Gold Coast, Aburi; BMNH, London. Synonymy: Schedl 1957d: 119.
 References: (**hb**) Thompson, G. H. 1963: 59. (**ds**) Browne 1981a: 127; Mayne & Donis 1960: 98, 1962: 286; Schedl 1933f: 202, 1938d: 452, 1943c: 70; Thompson, G. H. 1963: 59. (**tx**) Sampson 1924c: 131–132; Schedl 1933f: 202, 1954d: 874, 1954e: 48, 58, 1957d: 118–119, 1972f: 215.
- occidentalis** Schedl 1950d: 34. Holotype ♂; Fernando Poo; Deutsche Ent. Inst.
 Notes: (3) Schedl 1972f: 215 (treated as a subspecies of *impressus*).
 References: (**ds**) Schedl 1972f: 215. (**tx**) Schedl 1950d: 34, 1962k: 657, 1972f: 215.
- impressus ater** Schedl 1957d: 121. Lectotype ♂; Embu, Kenya; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 36.
 References: (**ds**) Gardner 1957a: 29; Schedl 1962k: 658, 1972f: 215. (**tx**) Schedl 1955i: 213, 1957d: 121, 1962k: 658, 1972f: 215, 1978a: 36.
- malacanthae** Roberts 1966: 630. Holotype ♂;

- Nigeria: Jemma; BMNH, London. Synonymy: Schedl 1972f: 215.
References: (ds) Browne 1972c: 101; Roberts 1966: 630, 1968: 188; Schedl 1972f: 215.
- xylopiac* Roberts 1966: 633. Holotype ♂: Nigeria: Obudu Cattle Ranch; BMNH, London. Synonymy: Schedl 1970i: 228.
References: (ds) Roberts 1966: 633, 1968: 189, 1969: 120; Schedl 1970i: 228, 1972f: 215.
- inacessus** Schedl 1936c: 242. Lectotype ♂; Guyane Francaise, St.-Laurent du Maroni, Bas Maroni, Nouveau Chantier; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 36.
Distribution: North America (San Luis Potosi in Mexico), South America (Brazil/ Cayenne).
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 23; Schedl 1966f: 93, 1970e: 86, 1972f: 218. (tx) Equihua & Atkinson 1987: 23; Schedl 1936c: 242, 1952e: 123, 1972f: 218, 1978a: 36.
- incertus** Schedl 1970a: 130. Holotype, ♂; New Guinea, Wabag, Western Highlands District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Casuarina oligodermis*.
Notes: (3) Roberts 1989: 272 (described female).
References: (ds) Schedl 1970a: 130–131, 1972f: 198. (tx) Roberts 1989: 272; Schedl 1970a: 130, 1972f: 198, 1978a: 36.
- heteromorphus* Schedl 1975f: 388. Holotype ♂; Papua, Wabag, Western Highlands District; Schedl Collection in NHMW, Wien. Synonymy: Roberts 1989: 285.
References: (tx) Roberts 1989: 285; Schedl 1975f: 388.
- incognitus** Schedl 1958h: 499. Lectotype ♀; Sarawak, Setapok; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 37.
Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).
References: (hb) Browne 1961c: 212. (ds) Browne 1961c: 212; Schedl 1972f: 242. (tx) Schedl 1958h: 499, 1972f: 242, 1978a: 37.
- incompertus** Schedl 1968d: 15. Holotype ♂; Eden, N.S.W., Australia; NMV, Melbourne.
Figures: Browne 1971a: 49, Neumann & Harris 1974: 133, Schedl 1968d: pl. 6.
Distribution: Australia (New South Wales).
Hosts: *Eucalyptus fastigiata*, *E. gigantea*, *E. obliqua*, *E. siberiana*.
Notes: (1) Browne 1971a: 49 (treated in *Austroplatypus*).
References: (bv) Wright, G. M. & Harris 1974. (cn) Harris, Campbell, & Wright 1976; Neumann & Harris 1974. (hb) Harris, Campbell, & Wright 1976; Neumann & Harris 1974; Neumann & Marks 1976; Wright, G. M. & Harris 1974. (tx) Browne 1971a: 49, 1972a: 180; Carne et al. 1980; Neumann & Harris 1974: 133; Schedl 1968d: 15–17, pl. 6, 1972f: 272, 1978a: 37.
- inconstans** Schedl 1971c: 391. Holotype ♂; Sumatra, Teping Tingi; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Sumatra).
References: (ds) Schedl 1972f: 186. (tx) Schedl 1971c: 391, 1972f: 186, 1978a: 37.
- incostatus** Schedl 1972h: 68. Holotype, sex?; Dorrigo, N.S.W.; BMNH, London.
Distribution: Australia (New South Wales).
Hosts: *Eucalyptus laecopinea*.
References: (tx) Schedl 1972h: 68.
- indicus** Strohmeier 1910e: 131. Syntypes ♂; Nilgiri Hills (India orientalis); 1 in Andrews Collection. 2 in Strohmeier Collection.
Distribution: Asia (Bangladesh/ Burma/ Assam, Bengal, Karnataka, Tamil Nadu, Uttar Pradesh in India/ Taiwan/ Tonkin Island in Vietnam), Indonesia (Borneo).
Hosts: *Alphonsea ventricosa*, *Atrocarpus integrifolia*, *Bombax* spp., *Dalbergia assamica*, *Dipterocarpus pilosus*, *Ficus* spp., *Meliosma simplicifolia*, *Millettia atropurpurea*, *Poinciana elata*, *Salmaalina insignis*, *S. malabarica*, *Schinus wallichii*, *Spondias mangifera*, *Talauma hodgsoni*, *Tetrameles nudiflora*.
Notes: (3) Sampson 1922b: 146 (redescribed).
References: (cn) Mathur & Singh 1961a: 10, 1961b: 4; Roonwal 1954: 60. (ec) Beeson 1921b: 24. (ds) Beeson 1921b: 24, 1941 (1961: 265); Browne 1970: 576, 1980b: 380; Mathew 1987: 188; Mathur & Singh 1961a: 10, 1961b: 4; Nobuchi 1977: 132, 1978a: 26; Roonwal 1954: 60; Schedl 1937f: 15, 1962b: 187, 1962f: 166, 1966g: 30, 1969c: 67, 1972f: 206, 1975a: 455, 1975e: 453; Strohmeier 1912c: 19, 1914c: 29. (tx) Beeson 1937: 89–90; Gardner 1932b; Sampson 1922b: 146, 1923c: 2, 1928a: 1–3; Schedl 1942a: 172, 1972f: 206; Strohmeier 1910e: 131, 1912c: 19, 1914c: 29.
- inermis** Sampson 1923c: 73. Holotype ♂; Burma: Tenasserim, Thagata (Fea); MCG, Genova.
Distribution: Asia (Burma).
References: (ds) Schedl 1972f: 201. (tx) Sampson 1923c: 73–74; Schedl 1972f: 201.
- infuscatus** Browne 1970: 579. Holotype ♂; Burma: Mohnyin River, Katha; BMNH, London.
Distribution: Asia (Burma).
Hosts: *Wrightia tomentosa*.
References: (ds) Schedl 1972f: 186. (tx) Browne 1970: 579–580; Schedl 1972f: 186.
- insculptus** Schedl 1967d: 18. Holotype ♂; Brasilien, Nova Teutonia, Santa Catarina; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Schedl 1972f: 219. (tx) Schedl 1967d: 18, 1972f: 219, 1978a: 37.

- insidiosus** Schedl 1935h: 355. Holotype ♂; Petropolis [Brazil]; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 239. (tx) Schedl 1935h: 353–355, 1952d: 364, 1972f: 239, 1978a: 37.
- insignatus** Schedl 1936c: 231. Holotype ♂; Albina, Dutch Guyana; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil/ Suriname).
Notes: (3) Schedl 1976a: 89 (described female).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 239. (tx) Schedl 1935h: 355, 1936c: 230–231, 1952h: 72, 1972f: 239, 1976a: 89, 1978a: 37.
- insularis** Strohmeier 1914f: 4. Syntypes ♂ ♀; Sumatra; Stettin Museum, lost?, and Strohmeier Collection, Eberswalde.
Distribution: Asia (Malaya), Indonesia (Borneo, Java, Malacca, Sumatra).
Hosts: *Albizzia falcata*, *Diospyros* sp., *Elateriospermum tapos*, *Endospermum malaccense*, *Gmelina arborea*, *Hevea brasiliensis*, *Koompassia malaccensis*, *K. malaccensis*, *Pterocarpus indicus*, *Rhizophora mucronata*, *Scaphium affine*, *Shorea bracteolata*, *S. guiso*.
References: (cn) Supriana et al. 1978; Yunus & Hua 1980: 216. (hb) Browne 1961c: 195. (ds) Beeson 1941 (1961: 265); Browne 1961c: 195, 1980a: 371, 1980d: 491; Ohno, Yoneyama, & Nakazawa 1982b: 10, 1987a: 95, 1987b: 90; Schedl 1936d: 7, 1959c: 168, 1961c: 70, 1971c: 367, 1971f: 150, 1972f: 190; Supriana et al. 1978; Yunus & Hua 1980: 216. (tx) Schedl 1937d: 40, 1939e: 336, 1942a: 172, 1954a: 145, 1958b: 102, 1972f: 190; Strohmeier 1914f: 4–5.
- insulindicus** Schedl 1952k: 164. Lectotype ♂; Malaya, Selangor: Sungei Buloh For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 15, automatic.
Distribution: Asia (Burma/ Malaya), Indonesia (Borneo, Java).
Hosts: *Albizzia falcata*, *A. moluccana*, *Artocarpus scorteichinii*, *Alstonia* sp., *Dipterocarpus* sp., *Dryobalanops oblongifolia*, *Durio zibethinus*, *Kopsia flavida*, *Parkia speciosa*, *Persea gratissima*, *Pometia* sp., *Shorea leprosula*, *Whitfordiendron pubescens*.
References: (hb) Browne 1961c: 202; Kalshoven 1960c: 36. (tx) Browne 1961c: 202; Kalshoven 1960d: 202; Schedl 1952k: 164, 1960d: 36, 1960i: 110, 1972f: 220.
- bicornis** Schedl 1939e: 360. Lectotype ♂; Selangor: Sungei Buloh For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 15, preoccupied by Nunberg 1939.
Notes: (3) Browne 1955: 370 (described female).
References: (cn) Browne 1949c; Hill, D. S. 1983: 515; Mathur & Singh 1961b: 90; Yunus & Hua 1980: 216. (hb) Browne 1938a, 1941: Hill, D. S. 1983: 515. (ds) Beeson 1941 (1961: 263); Browne 1938a; Hill, D. S. 1983: 515; Mathur & Singh 1961b: 90; Yunus & Hua 1980: 216. (tx) Browne 1955: 370; Schedl 1939e: 360–361 (December), 1941c: 354, 1952k: 164, 1972f: 220, 238, 1978a: 15.
- bicornutus** Nunberg 1959c: 168. Lectotype ♂; Selangor: Sungei Buloh For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 15, automatic.
Notes: (1) An unneeded replacement name.
References: (tx) Nunberg 1959c: 168; Schedl 1959c: 168, 1960h: 110, 1972f: 220, 1978a: 15.
- intermedius** (Schedl) 1937d: 42 (*Stenoplatypus*). Lectotype ♂; Kamerun, Soppo, 800 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 37.
Distribution: Africa (Cameroon/ Ghana/ Sao Tome Island/ Zaire).
Hosts: Schedl 1962k: 650–651 (29 host species listed).
References: (cn) Anonymous 1953j: 25; Mayne & Donis 1951: 337. (ec) Anonymous 1953j: 25; Mayne & Donis 1951: 337. (hb) Jones, Roberts, & Baker 1959: 13; Schedl 1962k: 648–652; Thompson, G. H. 1963: 59; Webb & Jones 1957: 25–26, 37, 41. (ds) Mayne & Donis 1960: 98, 1962: 285; Schedl 1962k: 648–652, 1964f: 619, 1962h: 63, 1972f: 215; Thompson, G. H. 1963: 59. (tx) Schedl 1937d: 42–43, 1950d: 14, 1954e: 58–62, 1957d: 120, 1962k: 648–651, 1972f: 215, 1978a: 37.
- feae** Schedl 1936e: 61 (*Stenoplatypus*). Lectotype ♂; Is. S. Thome, Agua Ize, 400–700 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 30.
Notes: (1) Schedl 1972f: 215 (treated as a subspecies of *intermedius*).
References: (ds) Schedl 1972f: 215. (tx) Schedl 1936e: 61, 1957d: 120, 1962k: 652, 1972f: 215, 1978a: 30.
- interponens** Schedl 1978c: 308. Holotype ♂; Brasilien, Encruzilhada, 980 m, Bahia; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1978c: 308.
- inutilis** (Schedl) 1935k: 479 (*Crossotarsus*). Lectotype ♂; Luzon, Mountain Province, Benguet, Baguio, 1600 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 38.
Distribution: Philippine Islands (Luzon).
References: (ds) Schedl 1966b: 94, 1972f: 200. (tx) Nobuchi 1985: 329; Schedl 1935k: 479–480, 1939b: 398, 1941c: 361, 1955b: 309, 1965g: 29, 1972f: 200, 1978a: 38.
- inviolatus** Schedl 1936c: 230. Lectotype ♂; Guyane Francaise, Nouveau Chantier; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 38.

- Distribution: South America (Brazil/ Cayenne).
 Notes: (3) Schedl 1972g: 79 (described female).
 References: (ds) Blackwelder 1947: 789; Schedl 1970e: 86, 1972f: 239. (tx) Schedl 1936c: 230, 1972f: 239, 1972g: 79, 1978a: 38.
- iriani Browne** 1980e: 377. Holotype ♂; Kimi (West Irian, New Guinea) to Yatsushiro (Japan), imported; BMNH, London.
 Distribution: New Guinea.
 References: (tx) Browne 1980e: 377.
- irregularis Schedl** 1967d: 18. Holotype ♂; Brasilien, Utinga bei Belem; Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil).
 References: (ds) Schedl 1972f: 240. (tx) Schedl 1967d: 18–19, 1972f: 240, 1978a: 38.
- irrepertus Schedl** 1936c: 248. Lectotype ♂; Guyane Francaise: St.-Laurent du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 39.
 Distribution: South America (Cayenne).
 References: (ds) Blackwelder 1947: 789; Schedl 1972f: 240. (tx) Schedl 1936c: 247–248, 1972f: 240, 1978a: 39.
- irruptus Schedl** 1935e: 176. Holotype ♂; Albina: Dutch Guyana (Schedl 1978a: 38); Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil/ Suriname).
 Notes: (3) Schedl 1976a: 89 (described female).
 References: (ds) Blackwelder 1947: 789; Schedl 1972f: 240. (tx) Schedl 1935e: 176–177, 1936c: 228–229, 1972f: 240, 1976a: 89, 1978b: 39.
- ivagarii Roberts & Morimoto** 1986: 171. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
 Distribution: New Guinea.
 Hosts: *Garcinia* sp.
 References: (tx) Roberts & Morimoto 1986: 171.
- jamaicensis Bright** 1972d: 17. Holotype ♂; Hardwar Gap, St. Andrew Parish, Jamaica, 4000'.
 Figures: Bright 1972d: 19.
 Distribution: Antilles Islands (Jamaica).
 References: (tx) Bright 1972d: 17–19; McNamara 1977: 191.
- jansoni Chapuis** 1865: 244. Syntypes ♂ ♀; de la Nouvelle Guinee, des iles Molouques et Celebes; BMNH, London.
 Figures: Wood 1960a: 12.
 Distribution: Admiralty Islands, Asia (Sri Lanka/ Taiwan), Australia, Bismarck Islands, Indonesia (Buru, Celebes, Java, Key, Moluccas, Sumatra, Timor), Micronesia (Caroline Islands, Marshall Islands), New Britain, New Guinea, New Hebrides Islands, Philippine Islands (Luzon, Mindanao, Negros), Seychelles Islands, Solomon Islands.
 Hosts: *Albizzia* sp., *Alstonia scholaris*, *Althoffia* sp., *Anisoptera* sp., *Anthocephalus* sp., *Araucaria cunninghamii*, *A. hunsteinii*, *Artocarpus elasticus*, *A. incisus*, *Buchanania* sp., *Carallia* sp., *Cocos nucifera*, *Dalbergia latifolia*, *Dysoxylum* sp., *Endospermum medullosum*, *Evodia* sp., *Ficus* sp., *Garuga* sp., *Herce brasiliensis*, *Intsia bijuga*, *Laportea* sp., *Litsea domarensis*, *Macaranga* sp., *Mangifera indica*, *M. minor*, *Millettia dehiscens*, *Myristica* sp., *Octomeles sumatrana*, *Parkia speciosa*, *Planchonella* sp., *Polyalthis* sp., *Pometia pinnata*, *Pterocymbium* sp., *Sloanea forbesii*, *Spondias* sp., *Sterculia campanulata*, *S. foetida*, *Tectonus grandis*, *Terminalia brassii*, *Theobroma cacao*, *Trema orientalis*, *Xanthophyllum* sp.
 References: (bv) Gray, B. 1974b. (cn) Froggatt 1926b; Gray, B. & Wylie 1974; Kalshoven 1924c; Kleine 1932a: 402; Roberts 1987; Wylie & Shanahan 1975. (ce) Nakashima 1975: 5. (hb) Froggatt 1926b; Gray, B. 1968: 307, 1974b; Gray, B. & Wylie 1974; Kalshoven 1924c, 1960c: 34; Kleine 1932a: 310, 402; Roberts 1987; Wylie & Shanahan 1975. (ds) Beeson 1938b: 295; Browne 1966: 234; Chadwick & Nikitin 1968; Choo, Woo, & Kim 1981: 202; Froggatt 1936; Gemminger & Harold 1872: 2698; Gray, B. 1968: 307; Kalshoven 1960d: 35; Kleine 1932a: 310, 402; Nakashima 1975: 3; Nobuchi 1977: 125; Nunberg 1961b: 611; Ohno, Yoneyama, & Nakazawa 1987a: 95, 198b7: 90; Ohno et al. 1988b: 98, 1989: 65; Sampson 1926: 120; Schedl 1936g: 514, 1961c: 72, 1962i: 73, 1964c: 304, 1964d: 213, 1965g: 25, 1966b: 94, 1966g: 33, 1968e: 264, 1972f: 190, 1979a: 159; Strohmeier 1912c: 16, 1914c: 27; Wood, S. L. 1960a: 7. (tx) Chapuis 1865: 244; Nobuchi 1985: 329; Sampson 1923c: 3; Schedl 1933e: 105, 1936e: 51–52, 1937d: 40, 1940b: 434–435, 1941c: 354, 1941e: 154, 1942a: 172, 1942c: 164, 1952b: 365, 1955b: 282–283, 1958i: 215, 1960c: 46, 1972f: 190; Strohmeier 1911b: 26, 1912c: 16, 1914c: 27; Wood, S. L. 1960a: 7, 11–12; Wylie & Yule 1977.
- javanus Browne** 1964: 755. Holotype ♂; Java: Malang; BMNH, London.
 Distribution: Indonesia (Java).
 References: (ds) Schedl 1972f: 210. (tx) Browne 1964: 755; Schedl 1972f: 210.
- jelskii Nunberg** 1939: 226. Holotype ♂; Amable, Peru; IZW, Warsaw.
 Distribution: South America (Peru).
 References: (ds) Blackwelder 1947: 789; Schedl 1972f: 240. (tx) Nunberg 1939: 226–232; Schedl 1952h: 72, 1972f: 240.
- juvencus Schedl** 1972h: 68. Holotype ♂; Gogol Island Base, Madang District; CSIRO, Canberra.
 Distribution: New Guinea.
 Hosts: *Evodia* sp., *Pometia* sp.
 Notes: (3) Schedl 1974d: 464 (described female).
 References: (ds) Schedl 1972f: 224. (tx) Schedl 1972f: 224, 1972h: 68, 1974d: 464, 1978a: 39.
- kalshoveni Schedl** 1941: 360. Syntypes ♀; Java, Preanger, 4000–5000 voet; Kalshoven Collection, and Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Java).

Notes: (1) Schedl 1978a: 39 (citation of holotype invalid).

References: (ds) Schedl 1972f: 194. (tx) Schedl 1941c: 360–361, 1972f: 194, 1978a: 39.

katoi Browne 1983a: 568. Holotype ♂; Wapoga (West Irian) to Nagoya (Japan), imported; BMNH, London.

Distribution: New Guinea.

Hosts: Matoa log.

References: (tx) Browne 1983a: 568.

keelungensis Browne 1985b: 294. Holotype ♂; Keelung (Formosa) to Nagoya (Japan), imported; BMNH, London.

Distribution: Asia (Taiwan).

Hosts: *Quercus* sp.

References: (tx) Browne 1985b: 294.

kiushuensis Murayama 1936a: 145. Holotype ♀; Ishikochi [Japan]; Murayama Collection in USNM, Washington.

Distribution: Asia (Japan/ Taiwan).

Hosts: *Quercus gilva*, *Q. spp.*

References: (ds) Murayama 1936a: 139–146, 1937c: 577, 1954b: 205; Nobuchi 1973b: 13; Schedl 1972f: 194. (tx) Murayama 1936a: 139–146, 1954b: 205; Nobuchi 1973b: 13; Schedl 1972f: 194.

klapperichi (Schedl) 1941a: 44 (*Stenoplatypus*). Holotype ♂; Fukien, Kuantun, 2300 m, 27.40 n.Br., 117.4 o.L.: Alexander Koenig Museum, Bonn.

Distribution: Asia (Fujian in China).

References: (ds) Schedl 1972f: 217. (tx) Schedl 1941a: 44, 1972f: 217.

kokodaensis (Schedl) 1935f: 274 (*Crossotarsus*). Lectotype ♀; Papua: Kokoda, 1200 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 40.

Distribution: New Guinea.

References: (ds) Schedl 1972f: 200. (tx) Schedl 1935f: 274–275, 1940b: 434–435, 1941e: 152, 1972f: 200, 1978a: 39.

konincki Chapuis 1865: 128. Syntypes ♂ ♀; de la Nouvelle-Grenade, de Bahia; 1 ♂ in MNB, Berlin, 1 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 17). Distribution: South America (Argentina/ Brazil/ Magdalena Island in Chile/ Colombia/ Guyana/ Venezuela), Maria Madre Island.

Hosts: *Theobroma cacao*.

References: (cn) Idrobo 1958: 75. (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Santoro 1957b: 25; Schedl 1960a: 77–79, 1972f: 240, 1972g: 48, 1976a: 57; Steinhausen 1956: 49; Strohmeier 1912c: 9, 1914c: 23. (tx) Chapuis 1865: 128; Schedl 1936c: 224, 1937d: 37, 1955b: 30, 1960c: 17, 1972f: 240; Steinhausen 1956: 49; Strohmeier 1912c: 9, 1914c: 23.

koryoensis (Murayama) 1930b: 24 (*Crossotarsus*). Holotype ♂; Korea; Murayama Collection in USNM, Washington.

Figures: Nobuchi 1967: pl. 2.

Distribution: Asia (Japan/ Korea/ Taiwan/ Ussuri in E USSR).

Hosts: *Acer* sp., *Carpinus laxiflora*, *Quercus acutissima*, *Q. aliena*, *Q. serrata*.

Notes: (3) Arnoldi et al. 1955 (Far East records of *cylindrus* are this species).

References: (ds) Arnoldi et al. 1955: 735–736; Cho 1957; Choo 1983: 32; Choo, Woo, & Nobuchi 1988a: 133; Ko 1969: 273; Murayama 1934f: 142, 1937b: 372, 375, 1937c: 580; Nobuchi 1967: 25; Schedl 1972f: 219. (tx) Choo 1983: 32; Murayama 1930b: 24, 28–31, 38, 1937b: 372, 375; Nobuchi 1967: pl. 2; Schedl 1934f: 1647, 1935k: 484, 1972f: 219.

kusukusensis Murayama 1956b: 13. Holotype ♂; Kusukus, Formosa; Murayama Collection in USNM, Washington.

Distribution: Asia (Taiwan).

Hosts: *Cryptomeria japonica*.

References: (ds) Nobuchi 1967: 26; Schedl 1972f: 210. (tx) Murayama 1956b: 13; Schedl 1972f: 210.

lablabiae Schedl 1979g: 113. Holotype ♂; NE New Guinea, Umboi I., ca 8 km NW Lab Lab, 300 m; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1979g: 113.

labrifrons Schedl 1974d: 467. Holotype ♀; Nauwata Banda logging area, Road 14, Bulolo, Morobe District; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Acanthocephalus cadamba*.

References: (tx) Schedl 1974d: 467, 1978a: 40.

laevis Browne 1980a: 376. Holotype ♂; Bialla (New Britain) to Yatsushiro (Japan), imported.

Distribution: New Britain Island.

References: (ds) Ohno et al. 1988b: 98, 1989: 66. (tx) Browne 1980a: 376.

lafertei Chapuis 1865: 144. Syntypes ♂; de la Colombie; 1 in MNB, Berlin, 2 in BMNH, London, 1 in IRSNB, Brussels (Schedl 1960c: 21).

Distribution: North America (Costa Rica/ "Mexico"/ Panama), South America (Brazil/ Colombia/ Guyana/ Venezuela).

References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 23; Gemminger & Harold 1872: 2699; Schedl 1933c: 166, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23. (tx) Chapuis 1865: 144; Equihua & Atkinson 1987: 23; Schedl 1937d: 37, 1940c: 203–204, 1960c: 21, 1971f: 153, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23; Wood, S. L. 1966a: 59.

parysi Chapuis 1865: 145. Syntypes ♂; de la Colombie; 2 in IRSNB, Brussels (Schedl 1960c: 21). Synonymy: Schedl 1960c: 21.

References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Strohmeier 1912c: 9, 1914c: 23. (tx) Chapuis 1865:

145; Schedl 1960c: 21, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23.

laminatus Schedl 1964m: 316. Syntypes ♂: Tainandranana, Tamatave [Madagascar]; IRSM, Madagascar, and Schedl Collection in NHMW, Wien. Distribution: Madagascar.

Notes: (1) Schedl 1978a: 40 (type restricted to IRSM, Madagascar specimens).

References: (ds) Schedl 1972f: 232, 1977b: 244. (tx) Schedl 1961e: 157–158, 1964m: 316, 1972f: 232, 1977b: 244, 1978a: 40.

laosi Schedl 1971c: 391. Holotype ♂; Laos area, Vankly; Schedl Collection in NHMW, Wien. Distribution: Asia (Laos).

References: (ds) Schedl 1972f: 212. (tx) Schedl 1971c: 391–392, 1972f: 212, 1978a: 40.

lateconcarus Schedl 1942a: 207. Lectotype ♀; Sumatra, Si-Rambe; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 40. Distribution: Indonesia (Sumatra).

References: (ds) Schedl 1972f: 242. (tx) Schedl 1942a: 207, 1972f: 242, 1978a: 40.

latedeclivis Schedl 1942a: 206. Holotype ♂; Borneo; Schedl Collection in NHMW, Wien, lost. Distribution: Indonesia (Borneo).

References: (ds) Schedl 1972f: 201. (tx) Browne 1962e: 643; Schedl 1942a: 206, 1972f: 201, 1978a: 40.

latelobatus Browne 1984f: 62. Holotype ♂; New Guinea: Morobe District, Mount Kaindi, 2350 m; BMNH, London. Distribution: New Guinea.

References: (tx) Browne 1984f: 62.

laticollis Chapuis 1865: 250. Syntypes ♂; du Bresil; 2 in BMNH, London (Schedl 1960c: 47). Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2699; Schedl 1972f: 187; Strohmeier 1912c: 16, 1914c: 27. (tx) Chapuis 1865: 250; Schedl 1960c: 47, 1972f: 187; Strohmeier 1912c: 16, 1914c: 27.

latidens Browne 1985b: 296. Holotype ♂; Tg. Mani (Sarawak) to Nagoya (Japan), imported; BMNH, London.

Distribution: Indonesia (Sarawak in Borneo).

References: (tx) Browne 1985b: 296.

latifinis Walker 1859: 261. Holotype ♂; Ceylon; BMNH, London.

Distribution: Asia (Karnataka, Tamil Nadu in India/ Sri Lanka). Indonesia (Borneo).

Hosts: *Bombax malabaricum*, *Diospyros paniculata*, *Doomia zeylanica*, *Eugenia jambolana*, *Ficus asperima*, *Lannea grandis*, *Mangifera indica*, *Salmaalina malabarica*, *Terminalia bellerica*, *T. paniculata*, *Vateria indica*.

References: (cn) Mathur & Singh 1961a: 13, 1961b: 26; Rau 1936: 35–45; Roonwal 1954: 57. (ec) Mathew 1985. (hb) Speyer 1923: 23. (ds)

Beeson 1961: 265; Blandford 1895a; Gemminger & Harold 1872: 2699; Mathew 1982, 1987: 188; Mathur & Singh 1961a: 13, 1961b: 26; Roonwal 1954: 57; Schedl 1959a: 514, 1962f: 166, 1971a: 278, 1972f: 210; Strohmeier 1912c: 19, 1914c: 29. (tx) Blandford 1895a: 327–328; Motschulsky 1863; Nunberg 1964: 236; Schedl 1937d: 42, 1939b: 398, 1941b: 423–424, 1959a: 514, 1972f: 210; Strohmeier 1912c: 19, 1914c: 29; Walker 1859: 261.

excavatus Chapuis 1865: 280. Holotype ♂; de l'ile de Ceylan; BMNH, London (Schedl 1960c: 53). Synonymy: Schedl 1972f: 210.

References: (ds) Gemminger & Harold 1872: 2698; Strohmeier 1912c: 18, 1914c: 28. (tx) Chapuis 1865: 280; Schedl 1937d: 33, 1941b: 417, 1960c: 53, 1972f: 210; Strohmeier 1912c: 18, 1914c: 28.

latreillei Chapuis 1865: 143. Syntypes ♂ ♀; du Mexique; 1 ♂ in MNB, Berlin, 3 ♂, 1 ♀ in BMNH, London, 2 ♂ in IRSNB, Brussels (Schedl 1960c: 21).

Figures: Lara & Shenefelt 1965: 174.

Distribution: North America (Costa Rica/ Guatemala/ Mexico/ Nicaragua), South America (Brazil).

References: (hb) Lara & Shenefelt 1965: 175. (ds) Blackwelder 1947: 789; Blandford 1896e: 100; Equihua & Atkinson 1987: 24; Ferrer 1942; Gemminger & Harold 1872: 2699; Schedl 1933c: 166, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23. (tx) Blandford 1896e: 100; Chapuis 1865: 143; Equihua & Atkinson 1987: 24; Lara & Shenefelt 1965: 174; Schedl 1934e: 210, 1940a: 324, 1960c: 21, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23.

lawasensis Browne 1970: 578. Holotype ♂; Sarawak: Lawas; BMNH, London.

Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).

Hosts: *Dryobalanops lanceolata*, *Koordersiodendron pinnatum*.

References: (ds) Schedl 1972f: 211. (tx) Browne 1970: 578–579; Schedl 1972f: 211.

lepidus Chapuis 1865: 282. Syntypes ♂ ♀; des iles Celebes, des iles Moluques, des Philippines; 3 ♂ in BMNH, London, 2 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 54).

Figures: Nobuchi 1967: pl. 2.

Distribution: Africa (Seychelles Islands), Asia (Burma/ India/ Malaya/ Sri Lanka/ Taiwan/ Tonkin Island in Vietnam), Australia, Bismarck Islands, Indonesia (Borneo, Buru, Celebes, Engano, Mentawai, Moluccas, Sumatra), New Guinea, Philippine Islands, Sula, Sunda Islands.

Hosts: *Adinobotrys atropurpureus*, *Albizzia stipulata*, *Amoora rohituka*, *Artocarpus introcha*, *Camellia sinensis*, *Castanopsis tribuloides*, *Drimycarpus racemosus*, *Elatiospermum tapos*, *Endospermum malaccense*, *Eugenia* spp., *Ficus glomerata*, *Hevea brasiliensis*, *Hibiscus* sp.,

Lannea grandis, *Millettia pendula*, *Parkia speciosa*, *Pithecolobium* sp., *Pometia* sp., *Sarcocephalus cordatus*, *Shorea leprosula*, *Sterculia macrophylla*, *Tectona grandis*, *Vatica lanceaefolia*, *Xanthophyllum glaucum*.

Notes: (3) Schedl 1941b: 424 (review).

References: (cn) Beaver 1988a: 70; Browne 1938b; Corbett 1935: 43–56; Lloyd 1928: 417–426; Mathur & Singh 1960b: 43, 1961b: 71; Yunus & Hua 1980: 217. (hb) Beaver 1988a: 70; Browne 1935a, 1941; Murayama 1931b: 197; Schedl 1977b: 245; Speyer 1923: 23. (ds) Baer 1886: 148; Beaver 1988a: 70; Beeson 1941: 344, 1961: 265; Bhasin, Roonwal, & Singh 1958: 61, 92; Browne 1935a: 1, 1938: 83–84, 1941: 66, 1966: 237, 1980c: 484, 1984c: 449; Choo & Woo 1983; Gemminger & Harold 1872: 2699; Kalshoven 1924b: 357; Leefmans 1927: 6; Lepesme 1947: 649; Mathur & Singh 1960b: 43, 1961b: 71; Mesa 1935: 96; Miwa 1931: 266; Murayama 1925a: 213–214, 1928: 31, 1929a: 673, 1931b: 197, 203, 1934f: 134, 146, 1937c: 579; Nobuchi 1967: 26, 1977: 135; Ohno, Yoneyama, & Nakazawa 1982a: 5, 1987a: 95, 1987b: 90; Ohno, Yoshioka, et al. 1989: 66; Sampson 1914: 382, 1926: 121, 1928a: 3; Schedl 1936d: 7, 1936e: 56, 1936g: 515, 1938g: 423, 1959a: 515, 1966b: 95, 1969d: 9, 12, 1970b: 355, 1972f: 210, 1977b: 245; Strohmeier 1911f: 204, 1912e: 18, 1914c: 28; Yunus & Hua 1980: 217. (tx) Browne 1964: 755; Chapuis 1865: 282; Kalshoven 1960: 38; Murayama 1925a: 213, 1925b: 235; Nobuchi 1967: pl. 2, 1985: 329; Sampson 1914: 382, 1928a: 3; Schedl 1935j: 1, 1937d: 41, 1940b: 434, 1941a: 43, 1941b: 417, 424, 1952b: 366, 1955d: 273, 1959a: 515, 1960c: 54, 1972f: 210, 1977b: 245; Strohmeier 1911b: 17, 27, 1912c: 18, 1914c: 28; Wylie & Yule 1977.

leprosus Browne 1980f: 215. Holotype ♂; Papua, UMLA [Upper Manki logging area], Bulolo, Morobe District; Schedl Collection in NHMW, Wien, automatic.

Distribution: New Guinea.

References: (tx) Browne 1980f: 215.

neotruncatus Schedl 1979g: 114. Holotype ♂; Papua, UMLA, Bulolo, Morobe District; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1972.

References: (tx) Schedl 1978a: 46, 1979g: 114.

lesiniiformis Roberts 1989: 273. Holotype ♂; Papua New Guinea: Divide Logging Area, Bulolo, 1200 m; NHMW, Wien.

Distribution: New Guinea.

Hosts: *Celtis* sp.

References: (tx) Roberts 1989: 273.

levannongi Schedl 1974c: 265. Holotype ♂; Nord-Vietnam, L.Thsi Nuguyen; MHNH, Bucharest.

Distribution: Asia (Vietnam).

References: (tx) Schedl 1974c: 265, 1978a: 41.

lewisi Blandford 1894d: 134. Syntypes 5, ♂ ♀; Miyanoshiba, Kiga, and Yuyama; BMNH, London. Figures: Nakane et al. 1963: pl. 192, Nobuchi 1973b: pl. 2.

Distribution: Asia (Bhutan/ Fujian in China/ Bengal in India/ Japan/ Korea/ Taiwan).

Hosts: *Abies firma*, *Aesculus turbinata*, *Betula grossa*, *B. platyphylla japonicum*, *Castanea crenata*, *Cryptomeria japonica*, *Fagus crenata*, *Kalopanax ricinifolium*, *K. septemlobus*, *Quercus acuta*, *Q. acutissima*, *Q. aliena*, *Q. gilva*, *Q. glauca*, *Q. lamellosa*, *Q. mongolica* var. *grosseserrata*, *Q. serrata*.

Notes: (3) Beeson 1941 (1961: 267) *uncacanthurus*, nomen nudum, synonymy in Schedl 1969c: 69.

References: (cn) Kleine 1932a: 402; Shiraki 1952. (cc) Banno, Mikata, & Kodama 1983: 445; Kurenzov 1934a: 58. (hb) Kleine 1932a: 402; Kurenzov 1935a: 44; Murayama 1931b: 197. (ds) Anonymous 1980g; Beeson 1941 (1961: 266); Blandford 1894c; Cho 1957; Choo 1983: 33; Choo & Woo 1985: 163; Kleine 1932a: 402; Ko 1969: 274; Kurenzov 1934a: 58, 1935a: 44, 1936a: 109, 1936b: 350; Miwa 1931: 266; Murayama 1925a: 211, 1929a: 671, 1931b: 197, 1933b: 19, 1934f: 133, 1936a: 139, 1937b: 372, 375, 1937c: 577, 1954b: 188; Nakane et al. 1963: 384; Nobuchi 1967: 26, 1973b: 13; Schedl 1972f: 219, 1975c: 384; Shiraki 1952; Stark 1936e: 142; Strohmeier 1912c: 16, 1914c: 27. (tx) Blandford 1894d: 134; Choo 1983: 33; Murayama 1925a: 211–212, 1925b: 235, 1936a: 139, 146, 1937b: 372, 375, 1954b: 188; Nakane et al. 1963: 384, pl. 192; Nobuchi 1972f: 13, 1973b: pl. 2; Schedl 1934f: 1647, 1969c: 69, 1972f: 219; Strohmeier 1912c: 16, 1914c: 27; Wylie & Yule 1977.

limbatus Chapuis 1865: 253. Syntypes ♂ ♀; Mexique, Toxpan; 1 ♂, 2 ♀ in BMNH, London.

Distribution: North America (Costa Rica/ Guatemala/ Mexico), South America (Brazil).

References: (ds) Blackwelder 1947: 789; Blandford 1896e: 112; Equihua & Atkinson 1987: 24; Ferrer 1942; Gemminger & Harold 1872: 2699; Santoro 1957b: 25; Schedl 1933c: 175, 1972f: 187; Strohmeier 1911f: 204, 1912c: 16, 1914c: 27. (tx) Blandford 1896e: 112; Chapuis 1865: 253; Equihua & Atkinson 1987: 24; Lucas 1920: 522; Schedl 1933a: 402, 1940a: 327, 1960c: 48, 1972f: 187; Strohmeier 1912c: 16, 1914c: 27.

lineaticornis Schedl 1936c: 226. Syntypes ♂; Guyane Francaise: St.-Laurent du Maroni; MHNH, Paris, and Schedl Collection in NHMW, Wien.

Distribution: South America (Cayenne).

Notes: (1) Schedl 1978a: 41 (citation of holotype invalid).

References: (ds) Blackwelder 1947: 789; Schedl 1972f: 240. (tx) Schedl 1936c: 226, 1972f: 240.

- lineellus** Schedl 1972h: 69. Holotype ♂: Sydney, New South Wales; Schedl Collection in NHMW, Wien.
Distribution: Australia (New South Wales).
References: (ds) Schedl 1972f: 201. (tx) Schedl 1972a: 143–149, 1972f: 201, 1972h: 69, 1978a: 41.
- lingulatus** Roberts & Morimoto 1986: 173. Holotype ♂: Borneo: Niah (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: *Lophopetalum* sp. log.
References: (tx) Roberts & Morimoto 1986: 173.
- liraticus** Wood 1966a: 58. Holotype ♂: Rio Damitas, San Jose Prov., Costa Rica, 700 feet; Wood Collection.
Figures: Wood 1966a: 60.
Distribution: North America (Costa Rica).
References: (ds) Equihua & Atkinson 1987: 24; Schedl 1972f: 240. (tx) Equihua & Atkinson 1987: 24; Schedl 1972f: 240; Wood, S. L. 1966a: 58–60.
- liratus** Blandford 1896: 99e. Holotype ♂: Nicaragua, Chontales; BMNH, London.
Distribution: North America (Costa Rica/ El Salvador/ Nicaragua).
Hosts: *Hevea brasiliensis*.
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 24; Schedl 1972f: 240, 1977e: 44; Strohmeier 1912c: 9, 1914c: 23. (tx) Blandford 1896e: 99–100; Equihua & Atkinson 1987: 24; Schedl 1972f: 240; Strohmeier 1912c: 9, 1914c: 23; Wood, S. L. 1966a: 58.
- longicalcaratus** Roberts 1989: 274. Holotype ♂: Papua New Guinea: Mt. Giluwe, Western Highlands Province, 2900 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
Hosts: *Nothofagus pullei*.
References: (tx) Roberts 1989: 274, 286.
- longicollis** Browne 1984c: 455. Holotype ♂: Ambon (Moluccas) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Moluccas).
Hosts: *Canarium* sp., *Shorea* sp.
References: (ds) Ohno, Yoneyama, & Nakazawa 1987a: 95. (tx) Browne 1984c: 455.
- longior** Wood 1966a: 56. Holotype ♂: 16 km SE Cartago, Cartago Prov., Costa Rica; Wood Collection.
Figures: Wood 1966a: 52.
Distribution: Antilles Islands (Puerto Rico), North America (Costa Rica).
References: (ds) Equihua & Atkinson 1987: 24; Schedl 1972f: 205. (tx) Equihua & Atkinson 1987: 24; Schedl 1972f: 205; Wood, S. L. 1966a: 52, 56.
- longipennis** Montrouzier 1861: 265. Holotype ♂: Nouvelle Calédonie; not located.
Distribution: New Caledonia.
References: (ds) Beeson 1938b: 295; Gemminger & Harold 1872: 2699; Lacordaire 1866: 392; Schedl 1972b: 266, 1972f: 196; Strohmeier 1912c: 18, 1914c: 28. (tx) Blandford 1896f: 244; Chapuis 1865: 286; Lacordaire 1866: 392; Montrouzier 1861: 263; Schedl 1939b: 398, 1941e: 156, 1960c: 56, 1972f: 196; Strohmeier 1912c: 18, 1914c: 28.
- longissimus** Roberts 1979: 90. Holotype ♂: Papua New Guinea: 8 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Cloaxylon* sp., *Galbulimima* sp.
References: (tx) Roberts 1979: 90.
- longius** Wood 1966a: 57. Holotype ♂: Volcan Pacaya, Esquintla Prov., Guatemala, 4000 feet; Wood Collection.
Figures: Wood 1966a: 52.
Distribution: North America (Guatemala/ Morelos in Mexico).
Hosts: *Quercus tomentocaulis*.
References: (hb) Atkinson et al. 1986: 12; Burgos & Saucedo 1983: 42. (ds) Atkinson & Equihua 1985a: 103; Atkinson et al. 1986: 12; Burgos & Saucedo 1983: 42; Equihua 1985: 143; Equihua & Atkinson 1987: 42; Schedl 1972f: 205. (tx) Equihua & Atkinson 1987: 24; Schedl 1972: 205; Wood, S. L. 1966a: 52, 57.
- longulus** Chapuis 1865: 158. Syntypes ♂: du Mexique, Toxpan; 2 ♂ in BMNH, London (Schedl 1960c: 24).
Distribution: North America (Costa Rica/ Guatemala/ Chiapas, Veracruz in Mexico), South America (Brazil/ Guyana/ Peru/ Venezuela).
Hosts: *Eschweilera sagotiana*, *Eugenia* sp., *Ocotea rodiaei*, *Tapirira marchandii*.
References: (ds) Blackwelder 1947: 789; Blandford 1896e: 105; Equihua & Atkinson 1987: 24; Ferrer 1942; Gemminger & Harold 1872: 2699; Schedl 1970e: 87, 1972f: 205, 1972g: 50, 1976a: 58; Strohmeier 1912c: 10, 1914c: 24; Wood, S. L. 1966a: 53. (tx) Blandford 1896e: 105; Chapuis 1865: 158; Equihua & Atkinson 1987: 24; Reichardt 1964b: 86; Schedl 1933a: 397, 1937d: 38, 1940a: 324, 1970e: 87, 1972f: 205, 1972g: 50, 1976a: 58; Strohmeier 1912c: 10, 1914c: 24; Wood, S. L. 1966a: 51.
- peregrinus** Schedl 1935h: 356. Holotype ♀: Mexico; Schedl Collection in NHMW, Wien.
Synonymy: Reichardt 1964b: 86.
References: (ds) Blackwelder 1947: 790; Ferrer 1942. (tx) Reichardt 1964b: 86; Schedl 1935h: 356–357, 1940a: 324, 1972f: 205, 1978a: 53.
- lopchuensis** Schedl 1969c: 68. Holotype ♂: India: W. Bengal, Lopchu, 1525 m, Darjeeling; FRI, Dehra Dun, not found in 1981 by SLW.
Distribution: Asia (Bengal in India).
Hosts: *Beilschmiedia sikkimensis*, *Macaranga denticulata*.

Notes: (1) None of the types of Indian species named by Schedl were ever returned to FRI; one non-type is present; this species is not mentioned in Schedl 1978a (SLW). (3) Beeson 1941: 345, 1961: 265 (*lophchuensis*, nomen nudum, synonymy in Schedl 1969c: 68).

References: (ds) Beeson 1941: 345, 1961: 265; Bhasin, Roonwal, & Singh 1958; Schedl 1972f: 200. (tx) Schedl 1969c: 68, 1972f: 200.

lophopetali Browne 1985b: 295. Holotype ♂; Niah (Sarawak) to Nagoya (Japan), imported; BMNH, London.

Distribution: Indonesia (Sarawak in Borneo).

Hosts: *Lophopetalum* sp.

References: (tx) Browne 1985b: 295.

loriae (Schedl) 1936e: 44 (*Crossotarsus*). Lectotype ♂; N. Guinea, S.E. Moroka, 1300 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 41.

Distribution: New Guinea.

Hosts: *Endiandra* sp.

Notes: (3) Schedl 1974d: 468 (described female). References: (ds) Schedl 1972f: 200. (tx) Schedl 1936e: 44, 1942a: 207, 1942c: 196, 1972f: 200, 1974d: 468, 1978a: 41.

loricatus (Sampson) 1923c: 71 (*Crossotarsus*). Holotype ♂; Burma: Carin, Asciiui Ghecu, 1200–1400 m; MCG, Genova.

Distribution: Asia (Burma/ India/ Malaya/ Vietnam), Indonesia (Borneo, Java, Mentawai, Sumatra), Philippine Islands (Mindoro).

Hosts: *Ficus* sp., *Lucuma malaccensis*, *Pouteria malaccensis*.

Notes: (3) Schedl 1936e: 45 (described female).

References: (hb) Browne 1961c: 200. (ds) Beeson 1941 (1961: 265); Browne 1980b: 381; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1966b: 95, 1971c: 368, 1971f: 150. (tx) Beeson 1937: 91; Nobuchi 1985: 330; Sampson 1923c: 71–72; Schedl 1936e: 45–46, 1937e: 546, 1939e: 335, 1941c: 354, 1942a: 172, 1972f: 237, 1978a: 41.

lucaris Schedl 1979g: 114. Holotype ♂; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1979g: 114.

lucasi Chapuis 1865: 243. Holotype ♂; de la Nouvelle Guinée (Dorey); BMNH, London (Schedl 1960c: 46).

Distribution: Asia (Malaya), Indonesia (Java), New Guinea, New Hebrides.

Notes: (3) Schedl 1935f: 275 (described female).

References: (ds) Beeson 1938b: 296; Browne 1961c: 196, 1980d: 492; Gemminger & Harold 1872: 2699; Kalshoven 1924b: 361; Schedl 1936g: 514, 1962i: 73, 1972f: 190; Strohmeyer 1912c: 16, 1914c: 27. (tx) Chapuis 1865: 243; Sampson 1923c: 3; Schedl 1935f: 275–276, 1939b: 384,

1940b: 434–435, 1960c: 46, 1972f: 190; Strohmeyer 1912c: 16, 1914c: 27.

lunatellus Browne 1983a: 569. Holotype ♂; Tg. Usau (West Irian) to Nagoya (Japan), imported. Distribution: New Guinea.

Hosts: Matoa log.

References: (ds) Ohno et al. 1989: 66. (tx) Browne 1983a: 569.

lunatipennis Schedl 1958b: 105. Lectotype ♂; Malaya, Kelantan; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 42.

Distribution: Asia (Malaya).

Hosts: *Sapitum baccatum*.

References: (hb) Browne 1961c: 210. (ds) Browne 1961c: 210, 1981a: 126; Schedl 1972f: 201. (tx) Browne 1964: 757; Schedl 1958b: 105, 1972f: 201, 1978a: 42.

lunifer Schedl 1960i: 111. Syntypes ♂; Sumatra, N.-Palawan, Binaluan; MNB, Berlin, and Schedl Collection in NHMW, Wien, automatic.

Distribution: Asia (Burma/ Assam in India/ Malaya), Indonesia (Borneo, Engano, Mentawai, Sumatra), Philippine Islands (Palawan), Si-Oban Island. Hosts: *Afzelia palembanica*, *Albizia* sp., *Coccoceras muticum*, *Shorea bentongensis*.

Notes: (1) Schedl 1978a: 28 (citation of holotype invalid). (3) Schedl 1961f: 95 (described female). References: (ds) Browne 1966: 237, 1980b: 381, 1980c: 483; Ohno, Yoneyama, & Nakazawa 1982b: 10, 1987b: 90; Schedl 1961f: 95, 1966b: 95, 1971f: 150, 1972f: 201. (tx) Browne 1962e: 654; Schedl 1960i: 111, 1961f: 95, 1972f: 201, 1978a: 28.

emarginatus Schedl 1937d: 34 (*Crossotarsus*).

Syntypes ♂; Sumatra, N.-Palawan, Binaluan; MNB, Berlin, and Schedl Collection in NHMW, Wien, preoccupied by Chapuis 1865. Notes: (1) Schedl 1978a: 28 (citation of holotype invalid).

References: (cn) Mathur & Singh 1961a: 38. (hb) Browne 1961c: 210. (ds) Beeson 1941 (1961: 253); Browne 1961c: 210, 1983a: 555; Mathur & Singh 1961a: 38; Schedl 1936j: 21. (tx) Schedl 1936e: 43, 1937d: 34, 1939e: 334, 1960c: 35, 1960i: 110–111, 1978a: 28.

luniger Motschulsky 1863: 510. Syntypes 6 ♂ ♀; Montagnes de Nura-Ellia [Ceylon]; IZM, Moscow. Distribution: Africa (Seychelles Islands), Asia (Burma/ Cambodia/ China/ Andaman Islands, Assam, Bengal in India/ Japan/ Malaya/ Sri Lanka/ Taiwan/ Thailand/ Vietnam), Australia (Queensland), Indonesia (Alabal, Borneo, Engano, Java, Mentawai, Moluccas, Sumatra), New Guinea, Philippine Islands (Luzon, Mindoro).

Hosts: *Amoora* sp., *Ehretia acuminata*, *Ficus minnahasse*, *Meliosma simplicifolia*.

References: (hb) Speyer 1923: 23. (ds) Gemminger & Harold 1872: 2699; Schedl 1972f: 242; Strohmeyer 1912c: 19, 1914c: 29. (tx) Motschul-

- sky 1863: 510; Schedl 1972f: 242; Strohmeier 1912c: 19, 1914c: 29; Wood, S. L. 1969c: 120.
- caliculus** Chapuis 1865: 280. Syntypes ♂ ♀; Siam: 1 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 53). Synonymy: Wood 1969c: 120. Notes: (3) Schedl 1941b: 423 (review). References: (ay) Nakashima 1975: 5. (cn) Beaver 1988a: 70; Yunus & Hua 1980: 216. (ec) Nakashima 1975: 5; Roberts 1980. (hb) Beaver 1988a: 70. (ds) Beaver 1988a: 70; Beaver & Browne 1975: 307; Blandford 1896a: Browne 1970: 576, 1980d: 491; Gemminger & Harold 1872: 2697; Nakashima 1975: 3; Nobuchi 1977: 137; Ohno, Yoneyama, & Nakazawa 1982a: 4, 1982b: 10, 1987a: 95, 1987b: 89; Schedl 1962b: 187, 1962f: 165, 1962i: 73, 1966b: 90, 1966g: 33, 1971f: 150, 1972f: 209, 1975a: 453, 1979a: 159; Strohmeier 1911f: 204, 1912c: 18, 1914c: 28; Yunus & Hua 1980: 216. (tx) Browne 1964: 755; Chapuis 1865: 280; Murayama 1925b: 234–235, 1928a: 284, 287; Nakashima 1975: 28–33; Nobuchi 1985: 329; Schedl 1937d: 42, 1941b: 417–423, 1952b: 366, 1954a: 145, 1960c: 53, 1972f: 209; Strohmeier 1912c: 18, 1914c: 28; Wood, S. L. 1969c: 120.
- schultzei** Strohmeier 1911b: 26. Syntypes ♂ ♀; Negros, Maao, Philippine Islands; Bureau of Science, Manila. Synonymy: Schedl 1972f: 209. References: (cn) Ishikura 1966. (ds) Ishikura 1966; Strohmeier 1914c: 28. (tx) Schedl 1936e: 56, 1937d: 42, 1940b: 435, 1941b: 417, 1972f: 209, 1978a: 64; Strohmeier 1911b: 26–28, 1914c: 28.
- luridus** Chapuis 1865: 122. Holotype ♀; du Bresil: Sao Paulo; BMNH, London (Schedl 1960c: 15). Distribution: South America (Brazil). References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2699; Schedl 1972f: 240; Strohmeier 1912c: 9, 1914c: 23. (tx) Chapuis 1865: 122; Lucas 1920: 521; Schedl 1960c: 15, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23. (ms) Lucas 1920: 521.
- luzonicus** Schedl 1935k: 486. Syntypes ♂ ♀; Luzon, Mountain Province, Benguet, Mount Santo Tomas; W. Schultze Collection, and Schedl Collection in NHMW, Wien. Distribution: Philippine Islands (Luzon). Notes: (1) Schedl 1978a: 42 (citation of holotype invalid). References: (ds) Schedl 1966b: 96, 1972f: 190. (tx) Nobuchi 1985: 329; Schedl 1935k: 486–487, 1939b: 390, 1962b: 193, 1972f: 190, 1978a: 42.
- macer** Browne in Beaver & Browne 1978: 619. Holotype ♂; Malaysia: Penang, Georgetown; BMNH, London. Figures: Beaver & Browne 1978: 604. Distribution: Asia (Malaya). Hosts: Removed from a bird stomach. References: (tx) Beaver & Browne 1978: 604, 619.
- macroporus** Chapuis 1865: 220. Holotype ♀; de la Colombie; IRSNB, Brussels. Distribution: South America (Colombia/ Suriname). Notes: (3) Schedl 1936c: 238 (described male). References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2699; Schedl 1972f: 219; Strohmeier 1912c: 13, 1914c: 25. (tx) Chapuis 1865: 200; Schedl 1936c: 238, 1960c: 40, 1961i: 232, 1972f: 219, 1978a: 42; Strohmeier 1912c: 13, 1914c: 26.
- madagascariensis** Chapuis 1865: 161. Syntypes ♂ ♀; de Madagascar; 1 ♂, 1 ♀ in MNB, Berlin, 1 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 25). Distribution: Comoro Islands, Madagascar, Reunion Island, St. Marie Island. Hosts: *Acridocarpus* sp., *Aphananthe sakalava*, *Canarium* sp., *Cassipourea* sp., *Chrysophyllum boivianum*, *Cinchona succerubra*, *Commiphora* sp., *Dalbergia pterocarpifolia*, *Ekebergia suavis*, *Eugenia* cf. *jambolana*, *Ficus soroceoides*, *Ocotea laevis*, *Olea ambrensis*, *Pachytrophe dimepate*, *P. obovata*, *Persea americana*, *Pinus* sp., *Plagioscyphus* sp., *Protorhus* sp., *Ravensara pervillei*, *Symphonia* sp., *Vapaca cf ferruginea*, *Vernonia* sp. References: (cn) Paulian 1950b: 59. (ec) Schedl 1977b: 247. (hb) Paulian 1950b: 59–60. (ds) Alluaud 1900: 441; Breniere & Dubois 1965: 16, 80; Fairmaire 1892b; Gemminger & Harold 1872: 2699; Heyden 1878: 102; Sampson 1928a: 3; Schedl 1969d: 7, 10, 1970d: 234, 1972f: 233, 1977b: 247; Strohmeier 1912c: 11, 1914c: 25. (tx) Chapuis 1865: 161; Fairmaire 1892b; Lucas 1920: 522; Sampson 1928a: 3; Schaufuss 1897a: 222; Schedl 1937d: 38, 1950h: 105–106, 1951j: 20, 1953d: 70–71, 1960c: 25, 1972f: 233, 1977b: 247; Strohmeier 1912c: 11, 1914c: 25. (ms) Lucas 1920: 522.
- magnus** Browne 1980a: 378. Holotype ♂; Solomon Islands to Taganoura (Japan), imported; BMNH, London. Distribution: Solomon Islands. Hosts: *Gonystylus* sp. References: (ds) Ohno et al. 1988b: 98. (tx) Browne 1980a: 378.
- malaisei** Schedl 1939c: 2. Holotype ♂; NE Burma, Kambaiti, 7000 ft.; NHR, Stockholm. Distribution: Asia (Burma). References: (ds) Schedl 1972f: 210. (tx) Murayama 1956b: 13; Schedl 1939c: 2–3, 1972f: 210.
- malignus** Schedl 1936c: 228. Holotype ♂; Dutch Guyana; Schedl Collection in NHMW, Wien. Distribution: South America (Suriname). References: (ds) Blackwelder 1947: 789. (tx) Schedl 1936c: 228, 1972f: 240.
- maniensis** Browne 1985a: 197. Holotype ♂; Tg. Mani (Sarawak) to Nagoya (Japan), imported; BMNH, London. Distribution: Indonesia (Sarawak in Borneo). References: (tx) Browne 1985a: 197.

* **maravignae** Guerin-Meneville 1838: 170. Holotype ♂; Sizilianischen (miozänen) Bernstein (Simeitit).

Distribution: Europe (Sicilian amber, Miocene).

References: (ds) Handlirsch 1908; Keilbach 1982: 256; Schedl 1960c: 64; Scudder 1891: 569. (tx) Chapuis 1865: 337; Guerin-Meneville 1838: 170; Keler 1928: 3; Schedl 1947a: 14, 1960c: 64. (ms) Keilbach 1982: 256.

marcidus Blandford 1896e: 110. Holotype ♂; Panama, Volcan de Chiriqui; BMNH, London.

Figures: Blandford 1896e: pl. 4, fig. 21.

Distribution: North America (Panama).

Hosts: *Quercus* sp.

References: (ds) Blackwelder 1947: 790; Equihua & Atkinson 1987: 24; Schedl 1972f: 218; Strohmeier 1912c: 14, 1914c: 26. (tx) Blandford 1896e: 110; Equihua & Atkinson 1987: 24; Schedl 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.

margaritaceus Roberts & Morimoto 1986: 173.

Holotype ♂; New Guinea: Papua, Kaisenik, Wau; BMNH, London.

Distribution: New Guinea.

Hosts: *Nothofagus* sp.

References: (tx) Roberts & Morimoto 1986: 173.

marginatus Chapuis 1865: 133. Syntypes ♂; Bresil: Para, Ega; 2 in BMNH, London.

Distribution: South America (Argentina/ Brazil/ Paraguay).

References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Schedl 1972f: 240, 1978c: 292; Strohmeier 1912c: 9, 1914c: 23. (tx) Chapuis 1865: 133; Schedl 1933a: 400, 1935h: 355, 1936c: 228–232, 1960c: 18, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23.

maritimus Schedl 1969c: 64. Holotype ♂; Bengal: Sunderbans; FRI, Dehra Dun, not present.

Distribution: Asia (Bengal in India/ Malaya).

Hosts: *Sonneratia apetala*.

Notes: (1) None of the specimens borrowed by Schedl were ever returned to FRI; the Schedl paratypes probably include the type. (3) Beeson 1941: 345, 1961: 265 (*maritimus*, nomen nudum, synonymy in Schedl 1972f: 210).

References: (ds) Beeson 1941: 345, 1961: 265; Choo, Woo, & Kim 1981: 202; Mather & Singh 1961a: 61; Nobuchi 1969a: 206, 1972f: 210. (tx) Schedl 1969c: 64–65, 1972f: 210, 1978a: 43.

matoae Browne 1986b: 337. Holotype ♂; New Guinea: Fak fak to Nagoya (Japan), imported; BMNH, London.

Distribution: New Guinea.

Hosts: *Pometia* sp. log.

References: (tx) Browne 1986b: 337.

micrographus Schedl 1979g: 114. Holotype ♀; Papua, Upper Manki L.A., Bulolo, Morobe District.

Distribution: New Guinea.

References: (tx) Schedl 1979g: 114.

microlunatus Browne 1983a: 571. Holotype ♂; Viru Harbour (Solomon Islands) to Nagoya (Japan), imported; BMNH, London.

Distribution: Solomon Islands.

Hosts: "Basswood" log.

References: (ds) Ohno et al. 1988b: 98. (tx) Browne 1983a: 571.

micrurus Schedl 1951i: 96. Syntypes 1 ♂, 1 ♀; Java, Preanger, G. Tangkoeban Prahoe, 4000–5000 Fuss; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Java), New Britain Island.

Hosts: *Dracontomelum mangiferum*.

Notes: (1) Schedl 1978a: 43 (citation of holotype invalid).

References: (ds) Schedl 1972f: 198. (tx) Nunberg 1961: 624; Schedl 1951i: 96, 1962n: 697, 1972f: 198, 1978a: 43.

longicaudatus Nunberg 1961b: 623. Holotype ♂; New Britain, Rabaul; BMNH, London. Synonymy: Schedl 1972f: 198.

References: (tx) Nunberg 1961b: 623; Schedl 1972f: 198.

minacior Schedl 1971c: 392. Holotype ♂; Sarawak, Kuching; BMNH, London.

Distribution: Indonesia (Sarawak in Borneo).

Hosts: *Vatica* sp.

References: (ds) Schedl 1972f: 213. (tx) Schedl 1971c: 392, 1972f: 213.

minor Browne 1980b: 388. Holotype ♂; Vanimo (New Guinea) to Nagoya (Japan), imported; BMNH, London.

Distribution: New Guinea.

References: (ds) Ohno, Yoneyama, & Nakazawa 1987a: 95; Ohno, Yoshioka, et al. 1988b: 98, 1989: 66. (tx) Browne 1980b: 388.

minusculus Schedl 1936i: 102. Holotype ♂; Costa Rica; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica), South America (Brazil/ Colombia/ Guyana/ Venezuela).

References: (ds) Blackwelder 1947: 790; Equihua & Atkinson 1987: 25; Schedl 1972f: 233, 1976a: 58. (tx) Equihua & Atkinson 1987: 25; Schedl 1936i: 101–102, 1972f: 233, 1978a: 44.

minutissimus Schedl 1971e: 13. Holotype ♀; Congo Belge, Yangambi; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

Hosts: *Macaranga* cf. *spinosa*.

References: (ds) Schedl 1972f: 215. (tx) Schedl 1971e: 13–14, 1972f: 215, 1978b: 44.

mirandus Schedl 1969b: 227. Holotype ♂; New Guinea: Karamui, Chimbu District; CSIRO, Canberra.

Distribution: New Guinea

References: (ds) Schedl 1972f: 191. (tx) Schedl 1969b: 227, 1972f: 191, 1978a: 44.

- misoolensis** Brown 1984c: 453. Holotype ♂; Tg. Hoakep (Misool Island, West Irian) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: *Maniltoa* sp.
References: (tx) Browne 1984c: 453.
- mixtus** Schedl 1976a: 90. Holotype ♀; Ter. Amapa, Rio Anicohi [Brazil]; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 90.
- mjobergi** Schedl 1965g: 30. Holotype ♂; O. Borneo, Mt. Tibang, 1300 und 1400 m; NHR, Stockholm.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1965g: 24, 1972f: 193. (tx) Schedl 1965g: 24, 30, 1972f: 193, 1978a: 44.
- modestus** Blandford 1894d: 133. Syntypes 4, ♂ ♀; Nikko and Shimidzu Toge [Japan]; BMNH, London. Figures: Nobuchi 1967: pl. 2, 1973b: pl. 2.
Distribution: Asia (Japan/ Taiwan).
Hosts: *Acer palmatum*, *Aesculus turbinata*, *Cercidiphyllum japonicum*, *Fagus crenata*, *Juglans sieboldiana*, *Quercus mongolica* var. *grosseserrata*.
References: (cn) Kleine 1932a: 402. (hb) Kleine 1932a: 402; Murayama 1931b: 195. (ds) Blandford 1894c: 579; Kleine 1932a: 402; Murayama 1929a: 671, 1931b: 195, 1934f: 134, 1936a: 139, 1937c: 578, 1954b: 188; Nobuchi 1967: 26, 1973b: 14; Strohmeier 1912c: 15, 1914c: 27. (tx) Blandford 1894d: 133; Murayama 1925b: 235, 1928a: 283, 1936a: 139, 1954b: 188; Niisima 1910a: 15; Nobuchi 1967: pl. 2, 1973b: 14, pl. 2; Schedl 1934f: 1647, 1972f: 189; Strohmeier 1912c: 16, 1914c: 27.
- modigliani** (Schedl) 1936e: 46 (*Crossotarsus*). Lectotype ♂; Sumatra, Si-Rambe; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 44.
Figures: Schedl 1972f: 236.
Distribution: Indonesia (Sumatra).
References: (ds) Schedl 1971f: 150, 1972f: 237. (tx) Beeson 1937: 91; Schedl 1936e: 46–47, 1942c: 198, 1972f: 236–237, 1978a: 44.
- morigerus** Schedl 1970a: 131. Holotype ♂; New Guinea, Awande, Eastern Highlands District; CSIRO, Canberra.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 190. (tx) Schedl 1970a: 131–132, 1972f: 190, 1978b: 45.
- morebeensis** Browne 1984f: 65. Holotype ♂; New Guinea, Morobe District, Mount Kaindi, 2350 m; BMNH, London.
Distribution: New Guinea.
References: (tx) Browne 1984f: 65.
- morosus** Schedl 1975f: 388. Holotype ♂; Kum, 11 miles from Mt. Hagen, W.H.D., New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 388.
- multisanti** Chapuis 1865: 154. Holotype ♂; Guadeloupe; BMNH, London (Schedl 1960c: 23).
Distribution: Antilles Islands (Guadeloupe).
References: (cn) Cleare 1924: 65–68. (ds) Blackwelder 1947: 790; Fleutiaux & Salle 1890: 458; Gemminger & Harold 1872: 2699; Schedl 1966f: 78, 1970e: 91, 1972f: 205; Strohmeier 1912c: 10, 1914c: 24. (tx) Chapuis 1865: 154; Schedl 1941e: 156, 1960c: 23, 1972f: 205, 1978a: 45; Strohmeier 1912c: 10, 1914c: 24; Wood, S. L. 1966a: 55.
- multiporus** Schedl 1971c: 392. Holotype ♀; Malaya, Pahang; Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya).
References: (ds) Schedl 1972f: 194. (tx) Schedl 1971c: 392–393, 1972f: 194, 1978a: 45.
- muricatus** Roberts 1989: 274. Holotype ♂; Papua New Guinea: Upper Stony Logging Area, Bulolo; NHMW, Wien.
Figures: Roberts 1989: 288.
Distribution: New Guinea.
Hosts: *Syzygium* sp.
References: (tx) Roberts 1989: 274.
- mutatus** Chapuis 1865: 136. Holotype ♀; du Bresil; BMNH, London (Schedl 1960c: 19).
Distribution: South America (Argentina/ Bolivia/ Brazil/ Cayenne/ Paraguay/ Peru/ Uruguay/ Venezuela).
Hosts: *Eucalyptus rostrata*, *Quercus robur*.
References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Reichardt 1964b: 86; Schedl 1966f: 93, 1972f: 240, 1972g: 59, 1973d: 163, 1976a: 58; Strohmeier 1910g: 85–88, 1912c: 9, 1914c: 23. (tx) Chapuis 1865: 136; Reichardt 1964b: 86; Schedl 1934e: 211, 1960c: 19, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23.
- sulcatus** Chapuis 1865: 137. Syntypes ♂ ♀; du Bresil; 1 ♂ in MNB, Berlin, 3 ♂ in BMNH, London, and 2 ♂, 1 ♀ in IRSNB, Brussels.
Synonymy: Strohmeier 1910g: 85–88, Schedl 1960c: 19.
References: (bv) Santoro 1962c, 1963a. (cn) Bosq 1934: 335; Costa Lima 1956; Ebeling 1950, 1959; Hayward 1941: 91, 1942: 27, 1944: 4; Marelli 1929: 245; Santoro 1957a: 7, 13, 1960a: 965, 1962b: 17–23, 1965b, 1966a, 1967: 70–74; Toscani & De Santis 1960. (ec) Guerrero 1966: 97–103; Santoro 1963a, 1963b. (hb) Costa Lima 1956; Ebeling 1950; Santoro 1957a: 7, 1962b, 1963a, 1965a: 49–58. (ds) Blackwelder 1947: 791; Bosq 1927; Costa Lima 1956; Dejean 1837; Ebeling 1950, 1959; Gemminger & Harold 1872: 2700; Nunberg 1958a: 481, 1972b: 190; Ruffinelli & Carbonell 1944: 27; Ruffinelli Rey 1967; Santoro 1957b: 25, 1960a, 1962a; Schedl 1933c: 166, 1960a: 77, 1966f: 81, 94, 1970e: 87, 1972g: 51,

- 1976a: 58, 1978c: 292, 1979e: 58; Strohmeyer 1912c: 9, 1914c: 24. **(tx)** Brethes 1909; Chapuis 1965: 137; Costa Lima 1956; Marzelli 1931: 6; Nunberg 1958a: 481; Santoro 1965a; Schedl 1935e: 176–177, 1936c: 228, 230, 1936e: 51, 1937d: 37, 1939b: 379, 399, 1939j: 565, 1939m: 170, 1941e: 154, 1948d: 37, 1950i: 148, 1951h: 285, 287, 1952a: 444, 1952e: 123, 1958f: 36, 1960c: 19, 1972f: 240; Strohmeyer 1910g: 85–88, 1912c: 9, 1914c: 24.
- placatus* Brethes 1909: 225. Syntypes ♂ ♀; Buenos Aires, Argentina; Brethes Collection. Synonymy: Bosq 1934: 335.
References: **(cn)** Marelli 1929: 245, 1931: 6; Santoro 1957a: 8. **(hb)** Santoro 1957a: 8. **(ds)** Bruch 1914a; Strohmeyer 1912c: 9, 1914c: 23. **(tx)** Bosq 1934: 355; Brethes 1909: 225; Schedl 1939m: 170, 1972f: 240; Strohmeyer 1912c: 9, 1914c: 23.
- nagakii** Browne 1983a: 567. Holotype ♂; Tanjong Mani (Sarawak) to Toyohashi (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: “Kapur” log.
References: **(tx)** Browne 1983a: 567.
- navarrodeandradei** Marelli 1931: 10. Syntypes?; Brazil; not located.
Distribution: South America (Brazil).
Hosts: *Casuarina* sp., *Eucalyptus* sp.
References: **(cn)** Costa Lima 1956. **(hb)** Costa Lima 1956. **(ds)** Blackwelder 1947: 790; Costa Lima 1936, 1956; Schedl 1972f: 240. **(tx)** Costa Lima 1956; Marelli 1931: 10; Schedl 1972f: 240.
- nebulosus** Roberts 1970: 73. Holotype ♂; Nigeria: Ngel Nyaki Forest Reserve, Mambilla, 1650 m; MRCB, Tervuren.
Distribution: Africa (Nigeria).
Hosts: *Aningeria altissima*.
References: **(ds)** Browne 1972c: 101. **(tx)** Roberts 1970: 73; Schedl 1978b: 46.
- negatus** Schedl 1973e: 96. Holotype ♂; Gogol, Madang District [New Guinea]; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Buchanania* sp., *Ficus* sp., *Myristica* sp., *Spondias* sp.
References: **(tx)** Schedl 1973e: 96, 1978a: 46.
- neglectus** Schedl 1963d: 231. Holotype ♂; Brasilien: Parana, Rondon; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(ds)** Schedl 1970f: 87, 1972f: 240. **(tx)** Schedl 1963d: 231, 1972f: 240, 1978a: 46.
- nemorosus** Roberts 1986: 45. Holotype ♂; New Guinea: Papua, Popondetta; BMNH, London.
Distribution: New Guinea.
Hosts: *Myristica* sp.
References: **(tx)** Roberts 1986: 45.
- neopartibilis** Roberts 1989: 276. Holotype ♂; Papua New Guinea: Guni, Watut Logging Area, Bulolo; NHMW, Wien.
Figures: Roberts 1989: 288.
Distribution: New Guinea.
Hosts: *Galbulimima* sp.
References: **(tx)** Roberts 1989: 276, 288.
- neoplicatus** Schedl 1964c: 300. Holotype ♂; Sumatra, Mt. Teleman; RNH, Leiden.
Figures: Schedl 1964c: 301.
Distribution: Indonesia (Sumatra).
References: **(ds)** Schedl 1972f: 191. **(tx)** Schedl 1964c: 300–301, 1972f: 191.
- neosolidus** Schedl 1971e: 14. Holotype ♂; Congo, Camp Putnam, an der Strasse Stanleyville, Irumu; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
Hosts: *Berlinia* sp.
References: **(ds)** Schedl 1972f: 198. **(tx)** Schedl 1971e: 14–15, 1972f: 198, 1978a: 46.
- neotruncatus** Schedl 1972g: 79. Holotype ♂; Brasil, Xingu, Matto Grosso; MZSP, Sao Paulo.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1972g: 79, 1972f: 212.
- nijimai** Murayama 1931b: 197. Syntypes ♂; Nanto [Taiwan]; Murayama Collection in USNM, Washington.
Figures: Nobuchi 1978a: 80.
Distribution: Asia (Taiwan).
Hosts: *Psidium guajava*.
References: **(hb)** Murayama 1931b: 197. **(ds)** Murayama 1931b: 197, 1934f: 134, 1937c: 578; Nobuchi 1967: 26, 1977: 123; Schedl 1972f: 190. **(tx)** Murayama 1931b: 197; Nobuchi 1978a: 80, 1978b: 75; Schedl 1972f: 190.
- nitens** Browne 1980a: 379. Holotype ♂; Ulamona (New Britain) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Britain Island.
References: **(ds)** Ohno, Yoneyama, & Nakazawa 1987a: 95; Ohno et al. 1989: 66. **(tx)** Browne 1980a: 379.
- nitidicollis** Schedl 1935h: 358. Syntypes ♀; Brazil; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(ds)** Blackwelder 1947: 790; Schedl 1972f: 240. **(tx)** Schedl 1935h: 358, 1972f: 240, 1978a: 47.
- nitidipennis** Schedl 1948d: 41. Holotype ♂; Guayana Francesa, Riviere Lunier; Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne).
References: **(ds)** Schedl 1972f: 233. **(tx)** Schedl 1948d: 41, 1972f: 233, 1978a: 47.
- nivalis** Sampson 1923c: 73. Holotype ♂; Burma: Tenasserim, Thagata; MCG, Genova.
Distribution: Asia (Burma/ India/ Malaya).
Hosts: *Xanthophyllum* sp.

- References: (**cn**) Mathur & Singh 1961b: 94. (**hb**) Browne 1936a, 1941. (**ds**) Beeson 1941 (1961: 266); Browne 1936a, 1961c: 196; Mathur & Singh 1961b: 94; Schedl 1936d: 7, 1972f: 183. (**tx**) Sampson 1923c: 73; Schedl 1972f: 183.
- nocuus Schedl** 1935k: 487. Syntypes ♂ ♀; Luzon, Mountain Province, Mount Santo Tomas; W. Schultze Collection, and Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands (Luzon).
Hosts: *Ficus* sp.
Notes: (1) Schedl 1978: 47 (citation of holotype invalid).
References: (**ds**) Schedl 1966b: 96, 1972f: 186. (**tx**) Nobuchi 1985: 329; Schedl 1935k: 487–488, 1942a: 214, 1972f: 186, 1978a: 47.
- noonadanae Browne** 1966: 237. Holotype ♂; Philippines: Palawan, Pinigisan, Mantalingajan Range, 600 m; UZMC, Copenhagen.
Distribution: Philippine Islands (Palawan).
References: (**ds**) Schedl 1972f: 210. (**tx**) Browne 1966: 237; Nobuchi 1985: 329; Schedl 1972f: 210.
- norfolkensis Schedl** 1972b: 271. Holotype ♂; Norfolk Island, Middlegate, 120 m, and Bumbora; CSIRO, Canberra.
Distribution: Pacific Ocean Islands (Norfolk Island).
Hosts: *Lagunaria patersonia*.
References: (**tx**) Schedl 1972b: 271, 1978a: 48.
- nothofagus Roberts** 1979: 91. Holotype ♂; Papua New Guinea: 8 km south-west of Onim Hut, Mount Giluwe, 2540 m; BMNH, London.
Figures: Roberts 1979: 93 (male, head of female).
Distribution: New Guinea.
Hosts: *Nothofagus pullei*.
References: (**tx**) Roberts 1979: 91.
- notaeguineensis Roberts** 1989: 277. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien.
Figures: Roberts 1989: 288.
Distribution: New Guinea.
Hosts: *Lithocarpus* sp.
References: Roberts 1989: 277, 288.
- nudatus Wood** 1972b: 243. Holotype ♂; 8 km S Colonia (near Buenaventura), Valle de Cauca, Colombia; Wood Collection.
Distribution: South America (Colombia).
Hosts: *Couma macrocarpa*, *Lecythis* sp., *Sacoglotha procera*.
References: (**tx**) Wood, S. L. 1972b: 243.
- nudiusculus Roberts** 1986: 46. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (**tx**) Roberts 1986: 46.
- nudus Schedl** 1936c: 242. Lectotype ♂; Guyane Francaise: Camopi, St. Laurent du Maroni, St. Jean du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 48.
- Distribution: South America (Cayenne).
References: (**ds**) Blackwelder 1947: 790; Schedl 1972f: 214. (**tx**) Schedl 1936c: 242, 1972f: 214, 1978a: 48.
- obliquecaudatus Schedl** 1936e: 59. Lectotype ♂; New Guinea, Moroka, 1300 m; Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya), New Guinea.
References: (**ds**) Browne 1961c: 210; Schedl 1972f: 211. (**tx**) Nunberg 1959: 168; Schedl 1936e: 59–60, 1942a: 210, 1960h: 110, 1972f: 211, 1978b: 48.
- obliquecaudatus Schedl** 1942a: 210. Syntypes ♀; BMNH, London, and Schedl Collection in NHMW, Wien, preoccupied by Schedl 1936.
Notes: (1) Schedl obviously intended to describe the female of this established name, but in so doing inadvertently validated a homonymous synonym.
References: (**tx**) Nunberg 1959: 168; Schedl 1936e: 59, 1942a: 210.
- obliquesectus Schedl** 1973f: 77. Holotype ♂; Pengagl, camp east Mt. Wilhelm, Chimbu District, 2770 m; AMNH, New York.
Distribution: New Guinea.
References: (**tx**) Schedl 1973f: 77, 1978a: 48.
- obliquetruncatus Schedl** 1972h: 69. Holotype ♂; Nauwata Banda logging area, Rd 14, Bulolo, M. Dist.; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Anthocephalus cadamba*, *Pterygota* sp.
References: (**ds**) Schedl 1972f: 198. (**tx**) Schedl 1972f: 198, 1972h: 69, 1978a: 48.
- obliquus Wood** 1981: 121. Holotype ♂; Neuguinea, Mt. Wilhelm; Schedl Collection in NHMW, Wien, automatic.
Distribution: New Guinea.
References: (**tx**) Wood, S. L. 1981: 121.
- obliquesectus Schedl** 1975g: 229. Holotype ♂; Neuguinea, Mt. Wilhelm; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1973.
References: (**tx**) Schedl 1975g: 229; Wood, S. L. 1981: 121.
- obliteratus Blandford** 1896e: 99. Holotype ♂; Costa Rica, Irazu; BMNH, London.
Distribution: North America (Costa Rica).
References: (**ds**) Blackwelder 1947: 790; Equihua & Atkinson 1987: 25; Schedl 1972f: 240; Strohmeier 1912c: 9, 1914c: 23. (**tx**) Blandford 1896e: 99; Brethes 1909; Equihua & Atkinson 1987: 25; Schedl 1940c: 204–205, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23.
- obscurus Schedl** 1971c: 393. Holotype ♂; Java, Preanger; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java), Philippine Islands.
References: (**ds**) Nobuchi 1977: 127; Ohno, Yoneyama, & Nakazawa 1982b: 10; Schedl 1972f: 198. (**tx**) Schedl 1971c: 393–394, 1972f: 198, 1978a: 48.

- obsitus** Schedl 1976a: 90. Holotype ♂; Manaus, Amazonas; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) Schedl 1976a: 90.
- obtectus** (Schedl) 1935n: 641 (*Crossotarsus*). Syn-types ♂; British North Borneo: Mt. Kinabalu, Kamborangah, 7000 feet; BMNH, London, and Schedl Collection in NHMW, Wien. Distribution: Indonesia (Borneo). Notes: (1) Schedl 1978a: 149 (citation of holotype invalid). References: (ds) Schedl 1972f: 200. (tx) Schedl 1935k: 479, 1935n: 641–642, 1936j: 33, 1937e: 544–546, 1972f: 200, 1978a: 49.
- obtusipennis** Schedl 1939c: 2. Holotype ♂; N.E. Burma, Kambaiti, 7000 ft.; NHR, Stockholm. Distribution: Asia (Burma/ Tamil Nadu in India/ Taiwan). Hosts: *Dipterocarpus indicus*. References: (ds) Schedl 1972f: 167, 201, 1975a: 455. (tx) Schedl 1939c: 2, 1962p: 210, 1972f: 201.
- obtusus** Chapuis 1865: 251. Holotype ♂; du Bresil, Bahia; IRSNB, Brussels (Schedl 1960c: 47). Distribution: North America (Costa Rica), South America (Brazil/ Cayenne). References: (ds) Atkinson & Equihua 1986a: 423; Blackwelder 1947: 790; Equihua 1985: 143; Equihua & Atkinson 1987: 25; Gemminger & Harold 1872: 2699; Nunberg 1963c: 107; Schedl 1970f: 582, 1972f: 187, 1972g: 49; Strohmeier 1912c: 16, 1914c: 27. (tx) Chapuis 1865: 251; Equihua & Atkinson 1987: 25; Murayama 1925: 215–216; Reichardt 1962: 339; Schedl 1933a: 402, 1936c: 248, 1939b: 399, 1939p: 289, 1960c: 47, 1972f: 187; Strohmeier 1912c: 16, 1914c: 27.
- occipitalis** Chapuis 1865: 273. Syntypes ♂ ♀; du Guatemala, Costa Rica; MNB, Berlin (Schedl 1960c: 52). Distribution: North America (Costa Rica/ Guatemala/ Panama). References: (ds) Blackwelder 1947: 790; Blandford 1896e; Equihua & Atkinson 1987: 25; Gemminger & Harold 1872: 2699; Schedl 1966f: 93, 1972f: 184; Strohmeier 1912c: 17, 1914c: 28. (tx) Blandford 1896e; Chapuis 1865: 273; Equihua & Atkinson 1987: 25; Lucas 1920: 522; Schedl 1933c: 175, 1937d: 33, 42, 1939b: 399, 1941e: 156, 1960c: 52, 1972f: 184; Strohmeier 1912c: 17, 1914c: 28; Wood, S. L. 1966a: 54. (ms) Lucas 1920: 522.
- interstitialis** Schedl 1963d: 230. Holotype ♂; Costa Rica: San Jose, 1000–1200 m; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972f: 184. References: (tx) Schedl 1963d: 230, 1972f: 184, 1978a: 38.
- occipitis** Wood 1966a: 54. Holotype ♂; Ikuribisi, British Guiana; BMNH, London. Distribution: South America (Guyana/ Venezuela). Hosts: *Pouteria guianensis*.
- References: (tx) Schedl 1972f: 195; Wood, S. L. 1966a: 54.
- octodentatus** Browne 1985b: 294. Holotype ♂; Keelung (Formosa) to Nagoya (Japan), imported. Distribution: Asia (Taiwan). References: (tx) Browne 1985b: 294.
- octospinosus** Browne 1985a: 193. Kudat (Sabah) to Nagoya (Japan), imported. Figures: Nunberg 1960a: 296. Distribution: Indonesia (Borneo). Hosts: *Shorea* sp. References: (tx) Browne 1985a: 193; Nunberg 1960a: 296.
- ohnoi** Browne 1981a: 136. Holotype ♂; Singapore to Nagoya (Japan), imported; BMNH, London. Distribution: Asia (Malaya). References: (tx) Browne 1981a: 136.
- olivieri** Chapuis 1865: 132. Holotype ♂; du Bresil, Para, Ega; BMNH, London (Schedl 1960c: 18). Distribution: South America (Brazil). References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Schedl 1972f: 240; Strohmeier 1912c: 9, 1914c: 23. (tx) Chapuis 1865: 132; Schedl 1936c: 230, 1960c: 18, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23.
- omega** Schedl 1970b: 365. Holotype ♂; Malaya, Singapore to Nagoya (Japan), imported; PPST, Tokyo. Figures: Nobuchi 1978a: 80. Distribution: Asia (Malaya). Hosts: *Sepetir*. References: (ds) Nobuchi 1977: 134; Schedl 1972f: 210. (tx) Nobuchi 1978a: 80–81; Schedl 1970b: 365–366, 1972f: 210, 1978a: 49.
- omissus** Schedl 1968e: 267. Holotype ♂; Afafiningetu, E. Highlands Dist. [New Guinea]; CSIRO, Canberra. Distribution: New Guinea. Hosts: *Araucaria cunninghamii*. References: (bv) Gray, B. 1974b. (hb) Gray, B. 1974b. (ds) Schedl 1972f: 191. (tx) Schedl 1968e: 267, 1972f: 191, 1978a: 50.
- omnivorus** (Lea) 1904: 104 (*Crossotarsus*). Syn-types ♂ ♀; Tasmania; SAM, Adelaide. Distribution: Australia, Tasmania, New Guinea. Hosts: *Acacia* spp., *Araucaria cunninghamii*, *Eucalyptus* spp., *Flindersia brayleyana*, *F. pubescens*, *Geisios benthami*. Notes: (1) Schedl 1972f: 206 (to *Platypus*). References: (cn) Browne 1968b: 571; Froggatt 1921: 645–648, 1926b, 1927; Kleine 1932a: 310, 402; Miller 1950: 318; Veitch 1933: 122–127. (ec) Froggatt 1923. (hb) Browne 1968b: 571; Froggatt 1923, 1926b, 1927; Kleine 1932a: 310, 402; Lengerken 1954: 326. (ds) Browne 1968b: 571; Kleine 1932a: 310, 402; Sampson 1925: 2, 1928a: 3; Schedl 1936g: 514, 1962a: 74, 1972f: 206, 1979a: 160, 1980b: 185; Strohmeier 1912c: 19, 1914c: 29. (tx) Beeson 1937: 101; Carne et al.

- 1980; Lea 1904: 104, 1910: 135; Sampson 1925: 2, 1928a: 3, 1928b: 391; Schedl 1939b: 398, 1941c: 153–154, 1942c: 164, 1972f: 206; Strohmeier 1912c: 19, 1914c: 29.
- oneratus** Schedl 1970b: 366. Holotype ♂; Philippine Isl., Dinajawan to Nagoya (Japan), imported; PPST, Tokyo.
Figures: Nobuchi 1978a: 80.
Distribution: Philippine Islands.
Hosts: Lauan log.
References: (ds) Nobuchi 1977: 128; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1972f: 198. (tx) Nobuchi 1978a: 80, 1978b: 80, 1985: 329; Schedl 1970b: 366, 1972f: 198, 1978a: 50.
- opacicauda** Browne 1983a: 565. Holotype ♂; Tg. Usau (West Irian) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: Watergum log.
References: (tx) Browne 1983a: 565.
- opacicaudulus** Browne 1983a: 566. Holotype ♂; Tg. Usau (West Irian) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: Watergum log.
References: (tx) Browne 1983a: 566.
- opacideclivis** Schedl 1969b: 227. Holotype ♂; New Guinea: Tari Sawmill, S. D. H.; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Araucaria cunninghamii*, *Macaranga* sp.
References: (ds) Schedl 1972f: 184. (tx) Schedl 1969b: 227–228, 1972f: 184, 1978a: 50.
- opacifrons** Schedl 1936g: 515. Syntypes ♂ ♀; New Guinea and Bougainville; 1 ♀ in SAM, Adelaide, and 1 ♂, 1 ♀ in Schedl Collection in NHMW, Wien.
Distribution: Bougainville Island, New Guinea, Solomon Islands.
Notes: (1) Schedl 1978a: 50 (citation of holotype invalid, male syntype lost).
References: (ds) Schedl 1936g: 515–516, 1972f: 190. (tx) Schedl 1936g: 515, 1942c: 165, 1972f: 190, 1978a: 50.
- opacipennis** Schedl 1975g: 230. Holotype ♂; New Guinea, Wau; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 230, 1978a: 50.
- opacurus** Browne 1980b: 387. Holotype ♂; Jayapura (New Guinea) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
References: (tx) Browne 1980b: 387.
- opimus** Schedl 1975f: 390. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Hosts: *Castanopsis acuminatissima*.
References: (tx) Schedl 1975f: 390.
- orientalis** (Strohmeier) 1912f: 83 (*Stenoplatypus*).
Syntypes ♂ ♀; Ost-Afrika; Strohmeier Collection.
Distribution: Africa (Cameroon/ Congo/ Ethiopia/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Sierra Leone/ Tanzania/ Togo/ Uganda/ Zaire).
Hosts: Schedl 1962k: 661–667 (many hosts listed).
Notes: (3) Schedl 1972f (etc.) treated this species as *refertus*, although two other names had priority.
References: (hb) Jones, Roberts, & Baker 1959: 13; Strohmeier 1911a: 182; Thompson, G. H. 1963: 59; Webb 1957: 36–41. (ds) Mayne & Donis 1960: 98, 1962: 286; Strohmeier 1911a: 182, 1912c: 6, 1914c: 36; Thompson, G. H. 1963: 59. (tx) Schedl 1954e: 58, 1957d: 118–120, 1962h: 63, 1962k: 663, 1972f: 216; Strohmeier 1911a: 182, 1912c: 6, 1912f: 83, 1914c: 36.
- angustatus** Strohmeier 1912f: 83 (*Crossotarsus*).
Syntypes ♂; Kamerun ud Deutsch Ostafrika am Mkulusumi-Berg; MNB, Berlin, Hamburg Museum, lost, and Strohmeier Collection, preoccupied by Chapuis 1865.
References: (cn) Mayne & Donis 1951. (ec) Mayne & Donis 1951. (hb) Gardner 1957: 29; Jones, Roberts, & Baker 1959: 13–54; Webb & Jones 1957: 25–26, 38, 41. (ds) Mayne & Donis 1960: 98, 1962: 280; Strohmeier 1912c: 6. (tx) Schedl 1950d: 4, 11, 14, 1952j: 5, 1953g: 244, 1954e: 48, 1955f: 260, 1957d: 118–122; Strohmeier 1912c: 6, 1912f: 83–85.
- castaneus** Strohmeier 1912f: 84 (*Crossotarsus*).
Syntypes ♂ ♀; West-Usambara (Karasek); Strohmeier Collection. Synonymy: Schedl 1972f: 216.
References: (ds) Strohmeier 1912c: 6, 1914c: 36. (tx) Schedl 1936e: 47–48, 1957d: 118–121, 1972f: 216; Strohmeier 1912c: 6, 1912f: 84–85, 1914c: 36.
- refertus** Schedl 1941d: 415. Holotype ♀; Togo; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1957d: 122.
References: (cn) Browne 1968b: 571. (ec) Schedl 1962k: 659. (hb) Browne 1968b: 571; Schedl 1962k: 659. (ds) Browne 1968b: 571; Mayne & Donis 1960: 100, 1962: 286; Roberts 1968: 189; Schedl 1962h: 63, 1962k: 659, 1972e: 284, 1972f: 215. (tx) Numberg 1964: 237; Powell, W. 1987: 28; Schedl 1941d: 415, 1954e: 48, 1957d: 118–122, 1962h: 63, 1962k: 659, 1972f: 215, 1972p: 159, 1978a: 62.
- tetricus** Schedl 1941d: 415. Holotype ♀; Congo; Schedl Collection in NHMW, Wien.
Notes: (1) Schedl 1972f: 216 (treated as a subspecies of *refertus*).
References: (ds) Roberts 1968: 180, 1969: 119; Schedl 1962k: 670. (tx) Schedl 1941d: 415, 1957d: 119, 121, 1962k: 666, 1972f: 216, 1978a: 62.
- pygmaeus** Schedl 1952i: 25. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.

Notes: (1) Schedl 1972f: 216 (treated as a subspecies of *refertus*).

References: (cn) Thompson, G. H. 1960. (hb) Jones, Roberts, & Baker 1959: 13; Schedl 1962k: 670; Webb & Jones 1957: 37, 41. (ds) Browne 1975b: 396; Mayne & Donis 1960: 100, 1962: 286; Roberts 1968: 189, 1969: 118; Schedl 1962h: 63, 1962k: 670, 1972f: 216; Thompson, G. H. 1960, 1963: 59. (tx) Schedl 1952i: 25–26, 1954e: 58–73, 1957d: 119, 1962h: 63, 1962k: 670, 1972f: 216, 1978a: 60.

refertus montanus Schedl 1957d: 119. Syntypes ♂; Congo Belge; Hembé-Bitale; Schedl Collection in NHMW, Wien.

Notes: This appears to be an aberration with no taxonomic status.

References: (ds) Roberts 1968: 188; Schedl 1962k: 665, 1972f: 216. (tx) Roberts 1969: 118; Schedl 1957d: 119–120, 1962k: 665, 1972f: 216, 1978a: 62.

minutus Roberts 1966: 631. Holotype ♂; Nigeria: Cross River N.F.R.; BMNH, London. Synonymy: Schedl 1972f: 216.

References: (ds) Roberts 1966: 631, 1968: 188, 1969: 118; Schedl 1972f: 216.

refertus vogelii Roberts 1970a: 78. Holotype ♂; Vogel Peak, Nigeria, 1380 m; MRCB, Tervuren. References: (tx) Roberts 1970a: 78.

leonensis Roberts 1970b: 479. Holotype ♂; Sierra Leone: Loma Mountains, 1200 m; BMNH, London. Synonymy: Schedl 1972f: 216.

References: (ds) Browne 1972c: 101. (tx) Roberts 1970b: 479–483; Schedl 1972f: 216, 1972p: 159–160.

refertus lomaensis Roberts 1970b: 483. Holotype ♂; Loma Mountains, 1650 m, Sierra Leone; BMNH, London. Synonymy: Schedl 1972f: 216.

References: (tx) Roberts 1970b: 483; Schedl 1972f: 216.

ornaticeps (Schedl) 1935b: 401 (*Stenoplatypus*). Syntypes ♂ ♀; Mount Maquiling, Laguna, Luzon, Philippine Islands; F. C. Hadden Collection, and Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands.

Notes: (1) Schedl 1978a: 50 (citation of holotype invalid).

References: (ds) Schedl 1966b: 96, 1972f: 217. (tx) Nobuchi 1985: 329; Schedl 1935b: 401–402, 1939c: 4, 1941a: 44, 1964g: 252, 1972f: 217, 1978a: 50.

ornatifrons Schedl 1942: 198. Syntypes ♂; New Guinea; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (ds) Schedl 1972f: 203. (tx) Schedl 1942a: 210, 1942c: 198, 1968e: 270, 1972f: 203, 1978a: 50.

ornatus Schedl 1936c: 241. Lectotype ♂; Guyane Française, St.-Jean du Maroni, St. Laurant de Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 50.

Distribution: South America (Cayenne).

References: (ds) Blackwelder 1947: 790; Schedl 1972f: 218. (tx) Schedl 1936c: 241, 1972f: 218, 1978a: 50.

othiodes Schedl 1974d: 469. Holotype ♂; Inakanda logging area, Bulolo, Morobe District; CSIRO, Canberra.

Distribution: New Guinea.

Notes: (3) Schedl 1975f: 391 (described female).

References: (tx) Schedl 1974d: 469, 1975f: 391, 1978a: 50.

otiosus Schedl 1936i: 100. Holotype ♀; Mexico; Schedl Collection in NHMW, Wien.

Distribution: North America (Guatemala/ Durango in Mexico).

Hosts: *Alnus* sp., *Quercus* sp.

References: (hb) Burgos & Saucedo 1983: 44. (ds) Atkinson & Equihua 1985a: 103, 1988: 104; Atkinson et al. 1986: 12–13; Blackwelder 1947: 790; Burgos & Saucedo 1983: 44; Equihua 1985: 143; Equihua & Atkinson 1987: 25; Ferrer 1942; Schedl 1972f: 205; Wood, S. L. 1966a: 53. (tx) Equihua & Atkinson 1987: 25; Schedl 1936i: 100–101, 1940a: 327, 1972f: 205, 1978a: 51; Wood, S. L. 1966a: 53.

ovalicollis Schedl 1936e: 56. Syntypes ♂; Sumatra, Si-Rambe; MCG, Genova, and Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Sumatra).

Notes: (1) Schedl 1978a: 51 (citation of holotype invalid).

References: (ds) Schedl 1972f: 196. (tx) Schedl 1936e: 56–57, 1941c: 355, 1972f: 196, 1978a: 51.

ovatus Strohmeier 1914f: 1. Holotype ♂; Birma; Stettin Museum, presumably lost.

Distribution: Asia (Burma/ Malaya), Indonesia (Sarawak in Borneo).

Hosts: *Dipterocarpus* sp., *Eugenia* sp., *Mangifera*, *Swintonia floribunda*, *S. specifera*.

References: (cn) Mathur & Singh 1961a: 81. (hb) Browne 1941, 1961c: 213. (ds) Beaver & Browne 1978: 620; Beeson 1941 (1961: 266); Browne 1961a: 315, 1961c: 213, 1980d: 491; Mathur & Singh 1961a: 81; Schedl 1972f: 191. (tx) Browne 1961a: 315, 1962e: 653; Schedl 1972f: 191; Strohmeier 1914f: 1–4.

oxyurus Dufour 1843: 92. Syntypes?; Des Pyrenees; not located.

Figures: Pfeffer 1989a: pl. 12.

Distribution: Asia (India/ Iran/ Turkey), Europe (Corsica/ France/ Greece/ Italy/ Spain).

Hosts: *Abies cephalonica*, *A. numidica*, *A. pectinata*.

References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (cn) Joly 1953: 3–6; Kailidis &

- Georgevits 1972. (**ec**) Kleine 1908c: 222. (**hb**) Eggers 1906; Eichhoff 1881a: 55, 306; Espanol 1964b; Husson 1955: 249; Knotek 1899b: 18, 1901: 576; Pfeffer 1989a: 92; Postner 1974: 486. (**ds**) Acloque 1896; Aube 1950; Barthe 1896; Chapuis 1865; Eggers 1906; Espanol 1985: 115; Gemminger & Harold 1872: 2699; Cogola 1985; Gozis 1815: 80; Herve 1956a; Heyden, Reitter, & Weise 1883: 182, 1891: 674, 1906: 713; Kailidis & Georgevits 1972; Knotek 1899b: 18, 1901: 576; Lacordaire 1866: 391; Lapeyronie 1948: 274; Ortzen 1886: 280; Perris 1876a: 157; Pfeffer 1989a: 92; Postner 1974: 486; Reitter 1894a: 94; Sainte-Claire 1905: 157, 1909: 146, 1914: 475; Sainte-Claire & Mequignon 1938: 449; Schaum 1859: 96, 1862: 101; Schedl 1967c: 73; Siebold 1849: 310; Stein & Weise 1877: 165; Strauch 1861: 122; Strohmeier 1912c: 17, 1914c: 27; Tredl 1907: 20. (**tx**) Acloque 1896; Balachowsky 1949a: 279; Ceballos 1945; Chapuis 1865: 263; Dufour 1843: 263; Eggers 1908c, 1914; Eichhoff 1864b: 43, 1881a: 55, 306, 1883a: 117, 145; Espanol 1964b; Fairmaire 1864: fig. 167; Jacquelin du Val & Fairmaire 1868: 107; Lacordaire 1866: 391; Lucas 1920: 522; Pfeffer 1989a: pl. 12; Portevin 1935: 339; Postner 1974: 486; Reitter 1894a: 94, 1913a: 113; Schedl 1934f: 1647, 1935n: 633, 1960c: 50, 1972f: 198; Strohmeier 1912c: 17, 1914c: 27.
- pahangensis** Schedl 1936j: 34. Lectotype ♂; Malay Peninsula, Pahang; Cameron Highlands, 4800 feet; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 51.
Distribution: Asia (Malaya).
References: (**hb**) Browne 1941, 1961c: 198. (**ds**) Browne 1978b: 51; Nobuchi 1977: 119; Schedl 1936j: 34, 1972f: 193. (**tx**) Schedl 1936j: 34–35, 1972f: 193, 1978a: 51.
- pallidipennis** Blandford 1896e: 111. Holotype ♀; Panama, Bugaba; BMNH, London.
Figures: Blandford 1896e: pl. 4, fig. 22.
Distribution: North America (Panama).
References: (**ds**) Blackwelder 1947: 790; Equihua & Atkinson 1987: 25; Schedl 1972f: 219; Strohmeier 1912c: 14, 1914c: 26. (**tx**) Blandford 1896e: 111; Equihua & Atkinson 1987: 25; Schedl 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.
- pallidus** Chapuis 1865: 284. Syntypes ♀; de la Nouvelle Guinee, Dorey; 2 ♀ in BMNH, London, 1 ♀ in IRSNB, Brussels.
Distribution: Australia, New Guinea, Solomon Islands.
Hosts: *Pterocymbium beccarii*.
Notes: (3) Schedl 1937d: 41 (described male), 1979g: 115 (named an aberration as var. *unimodus*, no status).
References: (**bv**) Gray, B. 1974b. (**cn**) Wylie & Shanahan 1975. (**ec**) Roberts 1980. (**hb**) Gray, B. 1974b; Wylie & Shanahan 1975. (**ds**) Browne 1980c: 483, 1980d: 492; Froggatt 1936; Gemminger & Harold 1872: 2699; Nobuchi 1977: 136; Ohno, Yoneyama, & Nakazawa 1982a: 5, 1982b: 10, 1987a: 95; Ohno et al. 1989: 66; Schedl 1936g: 515, 1962i: 73, 1966b: 96, 1972f: 210, 1979a: 160; Strohmeier 1912c: 18, 1914c: 28. (**tx**) Chapuis 1865: 284; Nobuchi 1985: 329; Schedl 1936e: 56, 1936j: 33–34, 1937d: 41, 1940b: 434, 1941b: 424, 1941e: 155, 1960c: 55, 1972f: 210, 1979g: 115; Strohmeier 1912c: 18, 1914c: 28; Wylie & Yule 1977.
- pallidus sabroni** Schedl 1940b: 433. Holotype ♂; Papua: Kokoda, 1200 ft; Schedl Collection in NHMW, Wien.
References: (**ds**) Schedl 1972f: 210. (**tx**) Schedl 1940b: 433, 1941b: 423, 1946c: 96, 1972f: 210, 1978a: 51.
- panduriformis** Roberts 1989: 278. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, 2200 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
Hosts: *Nothofagus* sp.
References: (**tx**) Roberts 1989: 278, 286.
- papuanus** Roberts 1979: 92. Holotype ♂; Papua New Guinea: 12 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Dysoxylum* sp.
References: (**tx**) Roberts 1979: 92.
- papulosus** Roberts 1989: 279. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
Hosts: *Myristica* sp.
References: (**tx**) Roberts 1989: 279, 286.
- paradoxus** Schedl 1979g: 115. Holotype ♀; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1979g: 115.
- paralleiventrus** Roberts 1989: 280. Holotype ♂; Papua New Guinea: Divide Logging Area, Bulolo, 1200 m; NHMW, Wien.
Distribution: New Guinea.
Hosts: *Terminalia complanata*.
References: (**tx**) Roberts 1989: 280.
- parallelus** (Fabricius) 1801: 284 (*Bostrichus*). Holotype ♀; America meridionali, type labeled Essequibo [Suriname].
Figures: Atkinson 1989c, Bright 1972d: 19, Equihua & Atkinson 1987: 17, Lara & Schenefelt 1965: 172.
Distribution: Africa (introduced in: Angola/ Cameroon/ Chad/ Congo/ Equatorial Guinea/ Fernando Po Island/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Nigeria/ Principe Island/ Sao Tome

Island/ Senegal/ Sierra Leone/ South Africa/ Tanzania/ Togo/ Uganda/ Zaire), Antilles Islands (Cuba/ Dominican Republic in Hispanola/ Jamaica/ Puerto Rico), Australia (Queensland, introduced), Madagascar (introduced), North America (Belize/ Costa Rica/ El Salvador/ Guatemala/ Honduras/ all states in Mexico/ Nicaragua/ Panama/ S California, S Florida, S Texas in USA), South America (Argentina/ Bolivia/ Brazil/ Cayenne/ Chile/ Colombia/ Ecuador/ Galapagos Islands/ Guyana/ Paraguay/ Peru/ Suriname/ Uruguay/ Venezuela).

Hosts: Schedl 1962k: 624–628, 1979a: 157–164 (many listed).

Notes: (1) Prior to Wood 1973a: 51–52 this name was incorrectly applied to *bellus*. (3) Dejean 1837: 333 (*praeustus*, nomen nudum, *testaceus*, nomen nudum, synonymy in Schedl 1972f: 232). (3) This is the most destructive and the most widely distributed species of Platypodidae in the world (SLW).

References: (cn) Beaver 1988a: 70; Idrobe 1958: 75. (ec) Equihua & Atkinson 1986: 624. (hb) Atkinson 1989c; Beaver 1988a: 70; Burgos & Saucedo 1983: 44; Deyrup & Atkinson 1987a: 64; Equihua & Atkinson 1986: 624. (ds) Allen, A. A. 1976, 1985; Alvarenga 1962: 24; Atkinson 1989c; Atkinson & Equihua 1986a: 423, 1988: 104; Atkinson et al. 1986: 47; Beaver 1988a: 70; Blackwelder 1947: 790; Browne 1975a: 757, 1980d: 491; Burgos & Saucedo 1983: 44; Chapuis 1865: 29, 37, 164; Deyrup & Atkinson 1987a: 64; Drooz 1985: 377; Equihua 1985: 143; Equihua & Atkinson 1986: 624, 1987: 25; Estrada & Atkinson 1988: 212; Gemminger & Harold 1872: 2699; Lacordaire 1866: 391; Leng 1920: 337; Melsheimer 1853: 87; Ohno, Yoneyama, & Nakazawa 1982b: 10; Santoro 1957: 25; Schedl 1933: 193, 1960a: 77, 1965g: 21, 1966f: 81, 1970e: 87, 1972f: 233, 1972g: 50, 1977e: 44, 1978c: 292, 1979a: 160, 1979b: 416, 1979e: 58; Steinhausen 1956: 49; Strohmeier 1912c: 11, 1914c: 25; Swaine 1909: 84; Wood, S. L. 1979a: 2. (tx) Atkinson 1989c; Carne et al. 1980; Chapuis 1865: 29, 37, 164; Equihua & Atkinson 1987: 17, 24; Erichson 1836: 65; Fabricius 1801: 384; Lacordaire 1866: 391; LeConte 1876: 344; Schedl 1933c: 171, 1933e: 193, 1934e: 212, 1936e: 51, 1937d: 39, 1939j: 565, 1939m: 170, 1941e: 155, 1948d: 38, 1952a: 446, 1952h: 73, 1958f: 35, 1960c: 26, 1962k: 624–628, 1972f: 233; Steinhausen 1956: 49; Strohmeier 1912c: 11, 1914c: 25; Swaine 1909: 84; Waterhouse 1890: 554; Wood, S. L. 1973a: 51–52, 1979a: 2; Wylie & Yule 1977.

linearis Stephens 1830: 419. Holotype ♂; Sydenham [England]; BMNH, London. Synonymy: Wood 1979a: 2.

References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (cn) Halperin & Menier 1981. (ec) Schedl 1962k: 620. (hb) Cachan

1957: 15; Kalshoven 1963; Lara & Shenefelt 1965: 175; Schedl 1962k: 620. (ds) Anonymous 1965k; Blackwelder 1947: 789; Bright 1972d: 20; Browne 1965a: 205, 1972c: 101; Chapuis 1865: 338; Cola 1971, 1973; Collart 1934: 249; Dejean 1837: 333; Ferreira 1965: 1130; Gemminger & Harold 1872: 2699; Ghesquiere 1966: 41; Halperin & Menier 1981; Kalshoven 1963: 237; Mayne & Donis 1951: 336; Menier 1973a; Mumford 1960: 37, 1961: 31, 43, 1962: 35, 48, 1963: 41, 50, 1964: 30, 1966: 38, 53; Numberg 1971: 59, 1972b: 190; Roberts 1961: 39–43, 1968: 188, 1969: 117–118; Schedl 1941d: 381, 1941e: 155, 1950c: 206, 1950d: 3, 10, 14, 1952j: 5, 1953g: 243, 1954e: 48, 57, 71, 1955d: 270, 1957b: 152, 1957c: 326, 1961e: 157, 1962h: 53, 1962k: 620, 1962m: 64, 1962n: 698, 1963c: 160, 1963f: 64, 1964f: 619, 1964j: 42, 1965e: 357, 1965g: 21, 1966a: 276, 1966c: 230, 1966f: 77, 79, 1966g: 37, 1967e: 220, 1970e: 86, 1970f: 582, 1971e: 2, 1971f: 150, 1971g: 196, 1972e: 284, 1972f: 232, 1972g: 38, 1973a: 368, 1973d: 163, 1974e: 52, 1975h: 351, 1976a: 58, 1976d: 5; Schoneherr & Pedrosa-Macedo 1981: 57; Stephens 1830: 419; Strohmeier 1912e: 19, 1914c: 29; Wolcott 1948: 385; Wood, S. L. 1957e: 1272. (tx) Bright 1972d: 19, 20; Chapuis 1865: 338; Lara & Shenefelt 1965: 175; Sampson 1924: 129; Schedl 1933e: 193, 1936e: 51, 1937b: 407, 1937d: 39, 1941e: 155, 1960c: 64, 1962k: 620, 1972f: 232; Stephens 1830: 419; Strohmeier 1912c: 11, 19, 1914c: 24, 29; Vrydagh 1947: 8; Wood, S. L. 1979a: 2.

poeyi Guerin-Meneville 1838: 183. Syntypes ♂ ♀; de Cuba, de Haiti; 4 ♂, 2 ♀ in BMNH, London, 1 ♂, 1 ♀ IRSNB, Brussels. Synonymy: Schedl 1960c: 64, Wood 1979a: 2.

Notes: (3) Chapuis 1865: 208 (redescribed).

References: (cn) Tsankov et al. 1974: 25. (ds) Blackwelder 1947: 790; Chapuis 1865; Fleutiaux & Salle 1890: 458; Gemminger & Harold 1872: 2699; Lacordaire 1866: 391; Schedl 1933c: 171, 1966f: 80, 1970e: 89; Strohmeier 1912c: 12, 1914c: 25; Wolcott 1936: 316, 1948: 384. (tx) Chapuis 1865: 208; Chevrolat 1838; Guerin-Meneville 1838: 183; Lacordaire 1866: 391; Sagra 1856: 98; Schedl 1933c: 171, 1960c: 37, 1972f: 232; Strohmeier 1912c: 12, 1914c: 25; Wood, S. L. 1979a: 2.

subcostatus Jacquelin-Duval 1857: 238. Synonyms? Cuba; not located. Synonymy: Wood 1979a: 2.

Notes: (3) Chapuis 1865: 210 (redescribed).

References: (ds) Blackwelder 1947: 790; Chapuis 1865: 210; Fleutiaux & Salle 1890: 458; Gemminger & Harold 1872: 2700; Lacordaire 1866: 391; Schedl 1933c: 172; Strohmeier 1912c: 13, 1914c: 25; Wolcott 1936: 317, 1948: 385. (tx) Chapuis 1865: 210; Jacquelin-Duval

- 1857: 238; Lacordaire 1866: 391; Sagra 1856: 99; Schedl 1933c: 172, 1937d: 39, 1941e: 155, 1952a: 444, 1960c: 38, 1972f: 233; Strohmeier 1912c: 13, 1914c: 25; Wood, S. L. 1979a: 2.
- dejeani* Chapuis 1865: 186. Syntypes ♂ ♀; du Bresil, de la Guyanne; 1 ♀ in MNHN, Paris, 1 ♂, 3 ♀ in BMNH, London, and 2 ♂, 3 ♀ in IRSNB, Brussels (Schedl 1960c: 31). Synonymy: Schedl 1972f: 232.
- References: (cn) Costa Lima 1956; Mayne & Donis 1951: 336, (ec) Mayne & Donis 1951: 336, (hb) Costa Lima 1956, (ds) Blackwelder 1947: 789; Blandford 1896e: 107; Costa Lima 1956; Ferrer 1942; Gemminger & Harold 1872: 2698; Hayward 1943: 27; Nunberg 1958a: 482, 1963c: 106; Ruffinelli & Carboneli 1944: 27; Sampson 1928a: 3; Schedl 1933c: 171, 1933f: 192, 1960a: 75–77; Strohmeier 1911f: 204, 1912c: 11, 1914c: 24, (tx) Blandford 1896e: 790; Chapuis 1865: 186; Costa Lima 1956; Nunberg 1958a: 482; Ruffinelli Rey 1967; Sampson 1924c: 129, 1928a: 3; Schedl 1933f: 192–193, 1936e: 51, 1937d: 39, 1939m: 170, 1940a: 324, 1948d: 38, 1950i: 148, 1951m: 72, 74, 1952a: 444, 1952h: 73, 1960c: 31, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 1.
- marseuli* Chapuis 1865: 188. Syntypes ♂ ♀; Bresil, Ste. Catherine; 1 ♀ in BMNH, London, 1 ♂ in IRSNB, Brussels (Schedl 1960c: 32). Synonymy: Wood 1979a: 2.
- References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Strohmeier 1912c: 11, 1914c: 25, (tx) Chapuis 1865: 188; Nunberg 1939: 240–241, 1940: 68; Schedl 1941e: 156, 1960c: 32, 1972f: 232; Strohmeier 1912c: 11, 1914c: 25; Wood, S. L. 1979a: 1.
- proximus* Chapuis 1865: 188. Syntypes ♂; du Bresil; 2 ♂ in IRSNB, Brussels (Schedl 1960c: 32). Synonymy: Wood 1979a: 2.
- References: (ds) Blackwelder 1947; Gemminger & Harold 1872: 2700; Strohmeier 1912c: 12, 1914c: 25, (tx) Chapuis 1865: 188; Schedl 1941e: 156, 1960c: 32, 1972f: 232; Strohmeier 1912c: 12, 1914c: 25; Wood, S. L. 1979a: 2.
- compressus* Chapuis 1865: 191. Syntypes ♂ ♀; Caracas; 2 ♂, 3 ♀ in BMNH, London (Schedl 1960c: 32). Synonymy: Wood 1979a: 2.
- References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Strohmeier 1912c: 11, 1914c: 24, (tx) Chapuis 1865: 191; Schedl 1936c: 238, 1937d: 39, 1941e: 156, 1952h: 73, 1960c: 32, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 1–2.
- regularis* Chapuis 1865: 192. Holotype ♂; du Bresil; IRSNB, Brussels (Schedl 1960c: 33). Synonymy: Wood 1979a: 2.
- References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Strohmeier 1912c: 12, 1914c: 25, (tx) Schedl 1936e: 51, 1937d: 39, 1939j: 565, 1940a: 324, 1940c: 203, 1941e: 156, 1948d: 38, 1951h: 287, 1952a: 446, 1952e: 123, 1955b: 274, 1957a: 195, 1958c: 2, 1958f: 35–36, 1972f: 233; Strohmeier 1912c: 12, 1914c: 25; Swaine 1909: 86; Wood, S. L. 1973a: 51, 1979a: 2.
- reticulatus* Chapuis 1865: 194. Syntypes ♂ ♀; du Mexique: Mexico, Teapa; 1 ♂, 1 ♀ in BMNH, London, 1 ♂, 2 ♀ in IRSNB, Brussels (Schedl 1960c: 33). Synonymy: Wood 1979a: 2.
- References: (ds) Gemminger & Harold 1872: 2700; Leng 1920: 337; Swaine 1909: 86, (tx) Blandford 1896e: 107; Chapuis 1865: 194; Schedl 1960c: 33, 1972f: 233; Swaine 1909: 86; Wood, S. L. 1979a: 2.
- rotundatus* Chapuis 1865: 195. Syntypes ♂ ♀; du Mexique, Izabal; 3 ♂, 2 ♀ in BMNH, London, 2 ♀ in IRSNB, Brussels (Schedl 1960c: 34). Synonymy: Wood 1979a: 2.
- References: (ds) Blackwelder 1947: 790; Blandford 1896e: 108; Gemminger & Harold 1872: 2700; Strohmeier 1912c: 12, 1914c: 25, (tx) Blandford 1896e: 108; Chapuis 1865: 195; Schedl 1960c: 34, 1972f: 233; Strohmeier 1912c: 12, 1914c: 25; Wood, S. L. 1979a: 2.
- kraatzii* Chapuis 1865: 196. Syntypes ♂; de la Colombie et du Bresil; 2 ♂ in IRSNB, Brussels (Schedl 1960c: 34). Synonymy: Wood 1979a: 2.
- References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Strohmeier 1912c: 11, 1914c: 24, (tx) Chapuis 1865: 196; Schedl 1960c: 34, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.
- lebasi* Chapuis 1865: 197. Holotype ♀; de Carthagene [Colombia]; IRSNB, Brussels (Schedl 1960c: 34). Synonymy: Wood 1979a: 2.
- References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2699; Strohmeier 1912c: 11, 1914c: 24, (tx) Chapuis 1865: 197; Schedl 1960c: 34, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.
- emarginatus* Chapuis 1865: 199. Holotype ♂;

- de Toxpan; BMNH, London (Schedl 1960c: 35). Synonymy: Wood 1979a: 2.
References: **(ds)** Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Leng 1920: 337; Strohmeier 1912c: 11, 1914c: 24. **(tx)** Blandford 1896e: 107; Chapuis 1865: 199; Schedl 1960c: 35 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Swaine 1909: 86; Wood, S. L. 1979a: 1–2.
- punctulatus* Chapuis 1865: 199. Syntypes ♂; du Texas; 1 ♂ in BMNH, London, 4 ♂ in IRSNB, Brussels (Schedl 1960c: 35). Synonymy: Wood 1979a: 2.
References: **(cn)** Felt 1913: 275. **(ds)** Anonymous 1926c: 514; Blackwelder 1947: 790; Ferrer 1942; Gemminger & Harold 1872: 2700; Henshaw 1885: 147; Leng 1920: 337; Leonard 1928: 514; Strohmeier 1912c: 12, 1914c: 25; Swaine 1909: 85; Tucker 1952: 347; Wolcott 1948: 385. **(tx)** Chapuis 1865: 199; LeConte 1868: 151, 1876: 345; Schedl 1937d: 39, 1939j: 565, 1940a: 324–325, 1940c: 203, 1941e: 156, 1952e: 123, 1952h: 73, 1955d: 273, 1960c: 35, 1972f: 232; Strohmeier 1912c: 12, 1914c: 25; Swaine 1909: 85; Wood, S. L. 1979a: 2.
- subaequalis* Chapuis 1865: 200. Holotype ♂; de la Colombia; IRSNB, Brussels (Schedl 1960c: 35). Synonymy: Wood 1979a: 2.
References: **(ds)** Blackwelder 1947; Gemminger & Harold 1872: 2700; Strohmeier 1912c: 13, 1914c: 25. **(tx)** Chapuis 1865: 200; Schedl 1941e: 156, 1960c: 35, 1972f: 233; Strohmeier 1912c: 13, 1914c: 25; Wood, S. L. 1979a: 2.
- wesmaeli* Chapuis 1865: 201. Syntypes ♂ ♀; de Buenos-Ayres; 1 ♂, 1 ♀ in IRSNB, Brussel (Schedl 1960c: 35). Synonymy: Wood 1979a: 2.
References: **(cn)** Costa Lima 1956; Silva, Gayao, & Castro 1959: 12. **(hb)** Bosq 1934: 335; Costa Lima 1956. **(ds)** Blackwelder 1947: 791; Bruch 1914a; Costa Lima 1956; Gemminger & Harold 1872: 2700; Sampson 1928a: 3; Schedl 1933e: 172; Strohmeier 1911f: 204, 1912e: 13, 1914c: 25. **(tx)** Brethes 1909, 1919; Chapuis 1865: 201; Costa Lima 1956; Nunberg 1939: 241, 1940: 69; Sampson 1928a: 3; Schedl 1937d: 39, 1938i: 28, 1941e: 156, 1948d: 37, 1951h: 285–286, 1952a: 445, 1952h: 73, 1958f: 36, 1960c: 35, 1972f: 233; Strohmeier 1912c: 13, 1914c: 25; Wood, S. L. 1979a: 2.
- oblongus* Chapuis 1865: 203. Holotype ♀; de Cumana [Venezuela]; IRSNB, Brussels (Schedl 1960c: 35). Synonymy: Wood 1979a: 2.
References: **(ds)** Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Strohmeier 1912c: 11, 1914c: 25. **(tx)** Chapuis 1865: 203; Schedl 1960c: 35, 1972f: 232; Strohmeier 1912c: 11, 1914c: 25; Wood, S. L. 1979a: 2.
- difficilis* Chapuis 1865: 204. Bresil, a la Guyane; 2 ♂, 1 ♀ in MNB, Berlin, 2 ♂, 1 ♀ in BMNH, London, 4 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 36). Synonymy: Wood 1979a: 2.
References: **(ds)** Blackwelder 1947: 789; Ferrer 1942; Gemminger & Harold 1872: 2698; Sampson 1928a: 3; Schedl 1933c: 171; Strohmeier 1912c: 11, 1914c: 24; Vital 1951: 177–179. **(tx)** Chapuis 1865: 204; Sampson 1928a: 3; Schedl 1936c: 238, 1937d: 39, 1940a: 325–326, 1952d: 343, 1952h: 73, 1960c: 36, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.
- praeivus* Chapuis 1865: 205. Syntypes ♂ ♀; de la Colombie; 1 ♀ in BMNH, London, 1 ♂, 2 ♀ in IRSNB, Brussels (Schedl 1960c: 36). Synonymy: Wood 1979a: 2.
References: **(ds)** Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Strohmeier 1911f: 204, 1912c: 12, 1914c: 25. **(tx)** Chapuis 1865: 205; Schedl 1960c: 36, 1972f: 232; Strohmeier 1912c: 12, 1914c: 25; Wood, S. L. 1979a: 2.
- macklini* Chapuis 1865: 207. Syntypes ♂ ♀; de la Colombie et du Bresil; 1 ♀ MNHN, Paris, 4 ♂, 2 ♀ in BMNH, London, 3 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 36–37). Synonymy: Wood 1979a: 2.
References: **(ds)** Blackwelder 1947: 789; Gemminger & Harold 1872: 2699; Schedl 1933c: 171; Strohmeier 1912c: 11, 1914c: 25. **(tx)** Chapuis 1865: 207; Schedl 1960c: 36–37, 1972f: 232; Strohmeier 1912c: 11, 1914c: 25; Wood, S. L. 1979a: 1.
- erichsoni* Chapuis 1865: 211. Syntypes ♂ ♀; de l'ile St. Thomas; 1 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 38). Synonymy: Wood 1979a: 2.
References: **(cn)** Lapeyronie 1948: 275; Mayne & Donis 1951: 326, 336; Vrydagh 1947a: 8. **(ec)** Mayne & Donis 1951: 326, 336. **(ds)** Blackwelder 1947: 789; Collard 1934; Gemminger & Harold 1872: 2698; Hoffmann 1957; Mayne & Donis 1962: 281; Schedl 1933f: 192; Strohmeier 1912c: 11, 1914c: 24; Thompson, G. H. 1963: 58; Vrydagh 1947a: 8; Wood, S. L. 1957c: 1272. **(tx)** Chapuis 1865: 211; Sampson 1924c: 127; Schedl 1933f: 192–193, 1936e: 51, 1937b: 407, 1937d: 39, 1941d: 381, 1941e: 155, 1950c: 206, 1950d: 3, 10, 14, 1952j: 5, 1953g: 243, 1954e: 48, 57, 1955d: 270, 1957b: 152, 1960c: 12, 38, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.
- laevicollis* Chapuis 1865: 212. Syntypes ♂ ♀; de la Guadeloupe; 1 ♂, 1 ♀ in BMNH, London, 1 ♂ in IRSNB, Brussels (Schedl 1960c: 38). Synonymy: Schedl 1972f: 232, Wood 1979a: 2.
References: **(ds)** Blackwelder 1947: 789; Fleutiaux & Salle 1890: 458; Gemminger & Harold 1872: 2699; Strohmeier 1912c: 11, 1914c: 24. **(tx)** Chapuis 1865: 212; Schedl 1941e: 156, 1960c: 39, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.

- congoanus* Duvivier 1891: 363. Syntypes ♂ ♀; Ibenbo, Congo; not located. Synonymy: Wood 1979a: 2.
References: (ds) Schedl 1933f: 192; Strohmeier 1912c: 11, 1914c: 24. (tx) Duvivier 1891: 363; Sampson 1924: 129; Schedl 1933f: 192–193, 1960c: 39, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.
- triquetrus* Brethes 1909: 226. Syntypes ♂ ♀; Chaco [Argentina]; Brethes Collection. Synonymy: Wood 1979a: 2.
References: (cn) Bosq 1934: 335; Hayward 1942: 27. (ds) Bruch 1914a; Strohmeier 1912c: 13, 1914c: 25. (tx) Brethes 1909: 226; Schedl 1939m: 170, 1972f: 233; Strohmeier 1912c: 13, 1914c: 25; Wood, S. L. 1979a: 2.
- mattai* Brethes 1921: 26. Holotype ♂; Manaos [Brazil]; Brethes Collection. Synonymy: Wood 1979a: 2.
References: (cn) Costa Lima 1956. (hb) Costa Lima 1956; Matta 1922: 158, 1929: 495–498. (ds) Blackwelder 1947: 790; Costa Lima 1936, 1956. (tx) Brethes 1921: 26; Costa Lima 1956; Schedl 1972f: 232; Wood, S. L. 1979a: 2.
- paramonovi* Schedl 1972g: 80. Holotype ♂; Guiana; Schedl Collection in NHMW, Wien.
Distribution: South America (Suriname?).
References: (tx) Schedl 1972g: 80, 1978a: 51.
- parapetax* Roberts & Morimoto 1986: 174. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Dysoxylum* sp.
References: (tx) Roberts & Morimoto 1986: 174.
- partibilis* Roberts & Morimoto 1986: 174. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Syzgium* sp.
References: (tx) Roberts & Morimoto 1986: 174.
- particeps* Schedl 1976a: 91. Holotype ♂; Vilhena, Rondonia, Lon. 55 36, Lat. 12 46; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 91.
- partitus* Schedl 1935n: 639. Syntypes ♂; Malay States: Selangor, Ayer Itam; BMNH, London, and Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya), Indonesia (Borneo).
Hosts: *Endospermum malaccense*, Pernarahan, and Sendoksendok logs.
Notes: (1) Schedl 1978a: 51 (type restricted to BMNH, London specimens).
References: (hb) Browne 1941. (ds) Browne 1961c: 198, 1984c: 448; Nobuchi 1977: 118; Schedl 1972f: 193. (tx) Schedl 1935n: 639, 1936e: 52, 1972f: 193, 1978a: 51.
- parvus* Browne 1986b: 340. Holotype ♂; Solomon Islands: Virm Harbor to Nagoya (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
Hosts: *Terminalia* sp.
References: (tx) Browne 1986b: 340.
- pasanaie* Schedl 1958b: 105. Lectotype ♂; Malaya, Selangor; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 51.
Distribution: Asia (Malaya).
Hosts: *Pasania sundaica*.
References: (ds) Browne 1961c: 216; Schedl 1972f: 217. (tx) Schedl 1958b: 105, 1972f: 217, 1978b: 217.
- patens* Roberts 1986: 46. Holotype ♂; New Guinea: Papua, Popondetta; BMNH, London.
Distribution: New Guinea.
Hosts: *Myristica* sp.
References: (tx) Roberts 1986: 46.
- patulus* Chapuis 1865: 190. Holotype ♂; du Bresil; MNHN, Paris (Schedl 1960c: 32).
Distribution: South America (Brazil).
References: (ds) Gemminger & Harold 1872: 2699; Schedl 1972f: 233. (tx) Chapuis 1865: 190; Schedl 1960c: 32, 1972f: 233.
- pectinatus* Roberts 1986: 47. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (tx) Roberts 1986: 47.
- pedellus* Schedl 1975g: 230. Holotype ♂; New Guinea, Wau, 1200 m; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 230, 1978a: 52.
- pedum* Sampson 1928a: 2. Holotype ♂; Sumatra, Sibajak vulkan 1600 m; BMNH, London.
Distribution: Indonesia (Sumatra).
References: (ds) Sampson 1928a: 2; Schedl 1972f: 194. (tx) Sampson 1928a: 2; Schedl 1935g: 320, 1972f: 194, 1978a: 52.
- pennatus* Schedl 1962k: 643. Lectotype ♂; Kenya: S. Kinangop; Schedl Collection in NHMW, Wien.
Distribution: Africa (Kenya/ Nigeria/ Zaire).
Hosts: *Cassipourea* sp., *Erythrina* sp.
References: (ds) Roberts 1968: 188, 1969: 118; Schedl 1972f: 215. (tx) Schedl 1957d: 120, 1962k: 643, 1972f: 215, 1978a: 52.
- perbinodulus* Schedl 1934e: 211. Holotype ♂; Rio de Janeiro, Brazil; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 241. (tx) Schedl 1934e: 211, 1937d: 37, 1972f: 241, 1978a: 52.
- perbrevis* Browne 1986b: 336. Holotype ♂; Borneo: Tanjong Mani (Sarawak) to Nagoya (Japan), imported; BMNH, London.

- Distribution: Indonesia (Sarawak in Borneo).
Hosts: *Rengas* sp. (Anacardiaceae) log.
References: (tx) Browne 1986b: 336.
- percomis** Schedl 1936c: 239. Syntypes ♂; Venezuela, Moritz [presumably Colonia Tovar]; Schedl Collection in NHMW, Wien.
Distribution: South America (Venezuela).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 218. (tx) Schedl 1936c: 239, 1972f: 218, 1978a: 53.
- perdiligens** Schedl 1936c: 240. Lectotype ♂; Guyane Francaise, Nouveau Chantier and St.-Laurent du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 53.
Distribution: South America (Brazil/ Cayenne).
References: (ds) Blackwelder 1947: 790; Schedl 1966f: 93, 1970e: 87, 1972f: 218, 1972g: 50. (tx) Schedl 1936c: 240, 1972f: 218, 1978a: 53.
- perditus** Schedl 1975f: 391. Holotype ♀; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 391.
- perforans** Schedl 1961i: 232. Holotype ♀; Bolivia, Corvico, Huarinillas; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (ds) Schedl 1960a: 77, 1972f: 219. (tx) Schedl 1961i: 232, 1972f: 219, 1978a: 53.
- permarginatus** Schedl 1936c: 230. Lectotype ♂; Guyane Française: Nouveau Chantier, St. Jean du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 53.
Distribution: South America (Cayenne).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 241. (tx) Schedl 1936c: 225, 230–235, 1972f: 241, 1978a: 53.
- permimicus** Schedl 1936c: 237. Lectotype ♂; Guyane Française: St. Laurent du Maroni and Bas Maroni; Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne).
References: (hb) Kalshoven 1960c: 40, 1960d: 40. (ds) Blackwelder 1947: 790; Kalshoven 1960d: 40; Schedl 1961c: 70, 1972f: 233. (tx) Schedl 1936c: 236–237, 1972f: 233, 1978a: 53.
- permodestus** Schedl 1936c: 235. Lectotype ♀; French Guyana, St. Laurent du Maroni; Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne).
References: (ds) Blackwelder 1947; Schedl 1972f: 241. (tx) Schedl 1936c: 235, 1972f: 241, 1978a: 54.
- pernudus** Schedl 1936c: 243. Syntypes ♂ ♀; Guyana[?]; Schedl Collection in NHMW, Wien.
Distribution: South America (Guyana[?]).
Notes: (1) Schedl 1978a: 54 (citation of holotype invalid).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 214. (tx) Schedl 1936c: 243, 1972f: 214, 1978a: 54.
- perplexus** Bright 1972d: 20. Holotype ♂; Good Hope, Trelawny Parish, Jamaica; CNCI, Ottawa. Figures: Bright 1972d: 19.
Distribution: Antilles Islands (Jamaica).
References: (tx) Bright 1972d: 19–20; McNamara 1977: 191.
- perrisi** Chapuis 1865: 260. Syntypes ♀; de la presqu'île de Malacca (Singapour) at de l'île de Borneo (Sarawak); 3 ♀ in BMNH, London, 1 ♀ in IRSNB, Brussels.
Distribution: Asia (Malaya/ Singapore), Indonesia (Sarawak in Borneo), Philippine Islands.
Hosts: *Shorea robusta*.
References: (cn) Mathur & Singh 1961a: 45. (hb) Browne 1941; Mercer 1982: 210. (ds) Beaver & Browne 1978: 620; Browne 1961c: 200; Gemminger & Harold 1872: 2699; Mathur & Singh 1961a: 45; Mercer 1982: 210; Sampson 1919: 106, 1928b: 394; Schedl 1962h: 63, 1966b: 97, 1972f: 185; Strohmeier 1912c: 17, 1914c: 27. (tx) Chapuis 1865: 260; Nobuchi 1985: 328; Sampson 1919: 106, 1928b: 394; Schedl 1939b: 398, 1960c: 49, 1972f: 185; Strohmeier 1912c: 17, 1914c: 27.
- pertusus** Chapuis 1865: 170. Holotype ♂; de Caracas; BMNH, London (Schedl 1960c: 27).
Distribution: South America (Brazil/ Venezuela).
References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Schedl 1972f: 233, 1976a: 58; Strohmeier 1912c: 11, 1914c: 25. (tx) Chapuis 1865: 170; Keler 1927a: 235; Schedl 1939j: 565, 1948d: 37, 1960c: 27, 1972f: 233, 1978a: 54; Strohmeier 1912c: 11, 1914c: 25.
- peruanus** Nunberg 1939: 238. Holotype ♀; Lima, Peru; Polischen Zoologischen Staatmuseums.
Distribution: South America (Peru).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 241. (tx) Nunberg 1939: 238–241, 1940: 63; Schedl 1952h: 72, 1972f: 241.
- petalinus** Roberts & Morimoto 1986: 175. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Nothofagus* sp.
References: (tx) Roberts & Morimoto 1986: 175.
- petaloideus** Roberts 1979: 93. Holotype ♂; Papua New Guinea: 8 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Nothofagus pullei*.
References: (tx) Roberts 1979: 93.
- petax** Schedl 1974d: 469. Holotype ♂; Latep logging area, Bulolo, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Garuga floribunda*.
Notes: (3) Schedl 1979c: 116 (described female).

References: (tx) Schedl 1974d: 469, 1978a: 54, 1979c: 116.

pycinus Schedl 1952i: 22. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.

Figures: Schedl 1962k: 636, 1972f: 222.

Distribution: Africa (Cameroon/ Nigeria/ Zaire).

Hosts: *Anonidium mannii*, *Macaranga* cf. *lanceifolia*, *Polyalthia suaveolens*, *Pycnanthus angolensis*, *Ricinodendron heudelotii*, *Scorodophloeus zenkeri*, *Terminalia superba*.

References: (ds) Mayne & Donis 1960: 98, 1962: 286; Roberts 1968: 188, 1969: 118; Schedl 1962k: 636, 1972f: 223. (tx) Schedl 1952i: 22, 1957d: 120, 1962k: 636, 1108, 1972f: 222–223, 1978a: 55.

piertoti Browne 1972c: 106. Holotype ♂; Congo-Kinshasa: Kivu, Bitale; MRCB, Tervuren.

Distribution: Africa (Zaire).

References: (tx) Browne 1972c: 106.

pilidens Schedl 1955b: 309. Holotype ♂; Neu-Guinea, Berlinhafen; originally in Schedl Collection but transferred to NHMB, Budapest (Schedl 1978a: 55).

Distribution: New Guinea.

References: (ds) Schedl 1972f: 200. (tx) Schedl 1955b: 282, 309, 1972f: 200, 1978a: 55.

pini Hopkins 1905b: 71. Holotype ♂; Mexico: Chalco; USNM, Washington.

Figures: Reichardt 1965b: 161.

Distribution: North America (Guatemala/ Honduras/ Durango, Hidalgo, Mexico, Puebla, Tlaxcala in Mexico/ Arizona, New Mexico in USA). Hosts: *Pinus chihuahuana*, *P. leiophylla*, *P. ochoterenai*, *P. ponderosa*, *P. rudis*, *P. pseudostrobus*.

Notes: (3) Reichardt 1965b: 159 (described female). References: (hb) Atkinson et al. 1986: 12; Burgos & Saucedo 1984: 45. (ds) Atkinson & Equihua 1985a: 103, 1988: 104; Atkinson et al. 1986: 12; Blackwelder 1947: 790; Burgos & Saucedo 1983: 45; Equihua 1985: 144; Equihua & Atkinson 1987: 26; Ferrer 1942; Furniss, R. L. & Carolin 1977: 339; Schedl 1972f: 223, 1977e: 44; Snow 1881: 70, 1907: 188; Strohmeyer 1912c: 11, 1914c: 25; Thomas, J. B. 1966; Wickham 1898: 312; Wood, S. L. 1958b: 37, 1979a: 2. (tx) Equihua & Atkinson 1987: 26; Hopkins 1905b: 71; Reichardt 1965b: 159, 161; Schedl 1940a: 324–325, 1972f: 223; Strohmeyer 1912c: 11, 1914c: 25; Wood, S. L. 1958b: 37, 1966b: 17, 1979a: 2.

quadridens Schedl 1937d: 38. Lectotype ♂; Mexico, Sierra de Durango und Camelas, Staat Durango; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 60. Synonymy: Wood 1966b: 17.

References: (cn) Schwerdtfeger 1960b: 254–259. (ec) Becker 1953: 363, 1955; Schwerdtfeger 1960b: 254–259. (hb) Becker 1953: 363, 1955. (ds) Becker 1953: 363; Blackwelder 1947: 790; Ferrer 1942; Kirk 1969, 1970;

Schwerdtfeger 1960b: 254–259. (tx) Schedl 1937d: 38, 1940a: 324, 1955g: 48, 1972f: 223, 1978a: 60; Schwerdtfeger 1960b: 254–259; Wood, S. L. 1966b: 17–18, 1979a: 2.

piniperda Schedl 1969c: 65. Holotype ♂; Burma: Kalaw, Shan States; FRI, Dehra Dun, not found in 1981 by SLW.

Distribution: Asia (Burma/ Cambodia/ Thailand).

Hosts: *Pinus insularis*.

Notes: (1) None of the specimens borrowed by Schedl from FRI were ever returned to FRI; the type apparently is represented by “paratypes” in the Schedl Collection. (3) Beeson 1941: 345, 1961: 266 (*piniperda*, nomen nudum, synonymy in Schedl 1972f: 211).

References: (ds) Beaver 1990a: 280; Beeson 1941: 345, 1961: 266; Browne 1980a: 370; Schedl 1972f: 211. (tx) Schedl 1964c: 303, 1969a: 216, 1969c: 65–66, 1972f: 211, 1978a: 55.

piniperda cambodianus Schedl 1969a: 216. Holotype ♂; Cambodia, Phnompenh to Tokyo (Japan), imported; PPST, Tokyo.

References: (ds) Nobuchi 1977: 138; Schedl 1972f: 211. (tx) Schedl 1969a: 216–217, 1972f: 211, 1978a: 55.

planodeclivis Schedl 1942a: 206. Lectotype ♂; Malaya, Pahang, Raub (Chengal); Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 55.

Figures: Nobuchi 1978a: 80.

Distribution: Asia (Malaya), Indonesia (Borneo).

Hosts: *Balanocarpus heimii*.

References: (ds) Browne 1961c: 229; Nobuchi 1977: 126; Schedl 1972f: 196. (tx) Browne 1962e: 643; Nobuchi 1978a: 80, 1978b: 79; Schedl 1942a: 206, 1972f: 196, 1978a: 55.

platypoides (Browne) 1955: 368 (*Crossotarsus*). Holotype ♂; Malay Peninsula: Kelantan, Sokor; BMNH, London.

Distribution: Asia (Malaya), Indonesia (Borneo).

Hosts: *Calophyllum* sp., *Castanopsis* spp., *Dipterocarpus borneensis*, *Dryabalanops oblongifolia*, *Pasania sundaica*, *Quercus* sp., *Swietenia macrophylla*.

Notes: (1) Schedl 1972f: 212 (to *Platypus*).

References: (hb) Browne 1961c: 229. (ds) Schedl 1964c: 305, 1972f: 212. (tx) Browne 1955: 368–369, 1961a: 316, 1961c: 229; Schedl 1972f: 212.

plumatus Schedl 1979g: 116. Holotype ♀; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1979g: 116.

podocarpus Browne 1986c: 669. Holotype ♂; Vietnam: Qui Nhon to Tagonoura (Japan), imported; BMNH, London.

Distribution: Asia (Vietnam).

References: (tx) Browne 1986c: 669.

politus Chapuis 1865: 249. Holotype ♀: de l'île de Borneo, Sarawak; BMNH, London (Schedl 1960c: 47).

Distribution: Indonesia (Sarawak in Borneo).

References: (ds) Gemminger & Harold 1872: 2699; Sampson 1928b: 392; Schedl 1972f: 194; Strohmeier 1912c: 16, 1914c: 27. (tx) Chapuis 1865: 249; Sampson 1928b: 392; Schedl 1960c: 47, 1972f: 194; Strohmeier 1912c: 16, 1914c: 27.

porcellinus Schedl 1975f: 392. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 392.

porcellus Schedl 1942a: 209. Holotype ♂; Salomons Inseln; Schedl Collection in NHMW, Wien.

Figures: Nobuchi 1978a: 80.

Distribution: New Guinea, Solomon Islands.

Hosts: *Calophyllum* sp.

Notes: (3) Schedl 1972h: 70 (described female).

References: (ds) Nobuchi 1977: 120; Ohno, Yoshioka, et al. 1988b: 98, 1989: 66; Schedl 1972f: 193. (tx) Nobuchi 1978b: 77, 80; Schedl 1942a: 209, 1972f: 193, 1972h: 70, 1978a: 55.

poricollis Schedl 1950i: 147. Holotype ♀; New Guinea; Schedl Collection in NHMW, Wien, automatic.

Distribution: New Guinea.

References: (ds) Schedl 1972f: 199. (tx) Schedl 1950i: 147, 1972f: 199.

porosus Schedl 1942c: 193. Holotype ♀; New Guinea; Schedl Collection in NHMW, Wien, preoccupied by Blandford 1896.

References: (ds) Equihua & Atkinson 1987: 27; Schedl 1972f: 205. (tx) Equihua & Atkinson 1987: 27; Schedl 1942c: 193, 1950i: 147, 1972f: 205, 1978b: 56.

porosulus Browne 1983a: 564. Holotype ♂; Teminaban (West Irian) to Nagoya (Japan), imported; BMNH, London.

Distribution: New Guinea.

References: (tx) Browne 1983a: 564.

porosus Blandford 1896e: 105. Syntypes ♂ ♀; Panama, Volcan de Chiriqui; BMNH, London. Figures: Blandford 1896e: pl. 4, fig. 16.

Distribution: North America (Panama).

References: (ds) Blackwelder 1947: 790; Strohmeier 1912c: 10, 1914c: 24. (tx) Blandford 1896e: 105–106; Strohmeier 1912c: 10, 1914c: 24.

porrectus Chapuis 1865: 150. Holotype ♀; de la Colombie; IRSNB, Brussels (Schedl 1960c: 22). Distribution: North America (Costa Rica/Panama), South America (Colombia).

References: (ds) Blackwelder 1947: 790; Blandford 1896e: 103–104; Equihua & Atkinson 1987: 27; Gemminger & Harold 1872: 2699; Schedl 1933c: 166, 1972f: 241; Strohmeier

1912c: 9, 1914c: 23. (tx) Blandford 1896e: 103–104; Chapuis 1865: 150; Equihua & Atkinson 1987: 27; Schedl 1960c: 22, 1972f: 241; Strohmeier 1912c: 9, 1914c: 23.

pouteriae Wood 1972b: 252. Holotype ♂; 40 km SE Socopo, Barinas, Venezuela; Wood Collection.

Distribution: South America (Colombia/Venezuela).

Hosts: *Pouteria anibacfolia*, *P.* sp.

References: (tx) Wood, S. L. 1972b: 252.

praealtus Schedl 1975f: 393. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 393.

praececellens Schedl 1969b: 228. Holotype ♂; New Guinea: Porotop L.M. Station, W. H. D.; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Nothofagus* sp.

References: (ds) Schedl 1972f: 200. (tx) Schedl 1969b: 228, 1972f: 200, 1978a: 56.

praepositus Schedl 1969b: 229. Holotype ♂; New Guinea: Watut Valley, 1200 m, Morobe District; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Araucaria hunsteinii*, *Xanthophyllum* sp.

Notes: (3) Schedl 1972i: 58 (described female).

References: (ds) Schedl 1972f: 200. (tx) Schedl 1969b: 229–230, 1972f: 200, 1972i: 58, 1978a: 56.

praeteritus Schedl 1969b: 230. Holotype ♂; New Guinea: Porotop L. M. Station, W. H. D.; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Syzygium* sp.

References: (ds) Schedl 1972f: 193. (tx) Schedl 1969b: 230, 1972f: 193, 1978a: 56.

praetermissus Schedl 1979g: 117. Holotype ♂; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1979g: 117.

prenexus Wood 1966a: 64. Holotype ♂; 16 km SE Cartago on Pan-American Highway, Cartago Prov., Costa Rica, 5600 feet; Wood Collection.

Figures: Schedl 1972f: 220, Wood 1966a: 67.

Distribution: North America (Costa Rica).

References: (ds) Equihua & Atkinson 1987: 27; Schedl 1972f: 220. (tx) Equihua & Atkinson 1987: 27; Schedl 1972f: 220; Wood, S. L. 1966a: 64, 67.

principeensis (Schedl) 1936e: 60 (*Stenoplatypus*). Lectotype ♂; Is. Principe, Roca Inf. D. Henrique, 100–300 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 56.

Distribution: Africa (Principe Island).

Notes: (3) Schedl 1972f: 215 (treated as a subspecies of *intermedius*), Roberts 1972: 71 (treated as a good species).

References: (ds) Schedl 1972f: 215. (tx) Roberts

1972: 71; Schedl 1936e: 60–61, 1957d: 120, 1962k: 653, 1972f: 215, 1978a: 56.

propinquus Schedl 1959m: 555. Holotype ♂: Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (**ds**) Schedl 1967d: 5, 1972f: 219. (**tx**) Schedl 1959m: 555, 1972f: 219, 1978a: 57.

protenus (Schedl) 1939e: 356 (*Crossotarsus*). Lectotype ♂: Malaya, Pahang; Kemasul For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 57.

Distribution: Asia (India, Malaya).

Hosts: *Hopea mengarawan*, *Pometia macrocarpa*, *Xerospermum* sp.

References: (**ds**) Beeson 1961: 266; Browne 1961c: 200; Schedl 1972f: 207. (**tx**) Schedl 1939e: 356–357, 1942a: 172, 1972f: 207, 1978a: 57.

pseudocupulatus Schedl 1935n: 635. Syntypes ♂ ♀; Malay States: Selangor, Rawang, Sungei Buloh, and Kakang; BMNH, London, and Schedl Collection in NHMW, Wien.

Figures: Nakashima 1975: 59, Nobuchi 1978a: 80. Distribution: Asia (Bangladesh/ Burma/ China/ Assam in India/ Malaya/ Thailand/ Tonkin in Vietnam), Australia, Indonesia (Aru Island, Batchian, Borneo, Celebes, Java, Moluccas, Sumatra), New Guinea, Philippine Islands, Sumba Island.

Hosts: *Agave sisalana*, *Aleurites moluccana*, *Alstonia* sp., *Arenga* sp., *Arthrophyllum diversifolium*, *Artocarpus elasticus*, *A. lakoocha*, *Austroboxus nitidus*, *Bouea* sp., *Cassia siamea*, *Castanopsis* sp., *Chrysophyllum roxburghii*, *Dalbergia latifolia*, *Dryobalanops aromatica*, *D. oblongifolia*, *Durio* sp., *Elaterospermum tapos*, *Endospermum malaccense*, *Erythrina* sp., *Eucalyptus deglupta*, *Ficus elastica*, *Garcinia* sp., *Gmelina arborea*, *Gonostylus bancanus*, *Heritiera trifolia*, *Hevea brasiliensis*, *Lithocarpus wallichianus*, *Litsea megacarpa*, *Lophopetalum* sp., *Mangifera* sp., *Millettia dehiscens*, *Parkia speciosa*, *Pithecellobium* sp., *Pometia* sp., *Pouteria malaccensis*, *Rhizophora apiculata*, *Saraca* sp., *Shorea leprosula*, *S. maxwelliana*, *S. parvifolia*, *S. pauciflora*, *Sterculia foetida*, *S. macrophylla*, *Styrax benzoin*, *Terminalia belerica*, *Xanthophyllum* spp., *Xylopia caudata*, *X. cordata*.

Notes: (1) Schedl 1978a: 57 (citation of holotype invalid). (3) Schedl 1941b: 421 (redescription).

References: (**ay**) Nakashima 1975: 6. (**bv**) Gray, B. 1974b. (**cn**) Browne 1949e; Kalshoven 1960d: 48; Supriana et al. 1978. (**ec**) Browne 1958b; Nakashima 1975: 6. (**hb**) Beaver & Browne 1978: 620; Browne 1941, 1958b, 1961c: 205–206; Gray, B. 1974b; Kalshoven 1960c: 36; Mercer 1982: 210. (**ds**) Beaver & Browne 1975: 308, 1978: 620; Beeson 1961: 266; Browne 1961a: 313, 1961c: 205–206, 1972b: 29, 1980d: 492; Choo, Woo, & Kim 1981: 203; Kalshoven 1960d: 48; Mercer

1982: 210; Nakashima 1975: 3; Nobuchi 1977: 137, 1979a: 407; Ohno, Yoneyama, & Nakazawa 1982a: 5, 1982b: 10, 1987b: 90; Ohno, Yoskioka, et al. 1988b: 98; Schedl 1959c: 168, 1961c: 71, 1964c: 304, 1965g: 23, 1965j: 304, 1966c: 97, 1972f: 211, 1974f: 262, 1975g: 294; Supriana et al. 1978. (**tx**) Nakashima 1975: 59; Nobuchi 1985: 329; Schedl 1935n: 635, 1936e: 56, 1939c: 1, 1941b: 421–422, 1942a: 172, 1958i: 215, 1972f: 211, 1978a: 57.

pseudocupulatus sundaensis Schedl 1941b: 421. Holotype ♂: Java, Bandjar; Schedl Collection in NHMW, Wien.

References: (**cn**) Kalshoven 1960d: 48. (**ds**) Browne 1958b: 290; Kalshoven 1960d: 38; Nobuchi 1977: 138; Ohno, Yoneyama, & Nakazawa 1987a: 95; Schedl 1962f: 167, 1969a: 208, 1972f: 211. (**tx**) Nobuchi 1978a: 80, 1978b: 82; Schedl 1941b: 421, 1972f: 211, 1978a: 57.

pseudocupulatus artecavus Schedl 1941b: 422. Holotype ♂; New Guinea: Papua, Kokoda, 1200 ft.; Schedl Collection in NHMW, Wien. References: (**ds**) Schedl 1961c: 69, 71, 1968e: 264, 1972f: 211. (**tx**) Schedl 1941b: 422, 1972f: 211, 1978a: 57.

pseudocurtus Schedl 1935n: 635. Lectotype ♀; Malay States: Pahang (Mentakab), Pahang (Tranum), Johore North (Kluang); Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 57.

Distribution: Asia (Malaya/ Vietnam).

Hosts: *Dipterocarpus kunstleri*, *Dryobalanops aromatica*, *Shorea faguatiana*, *S. leprosula*, *Intsia palembanica*.

Notes: (3) Browne 1955: 369 (described male).

References: (**hb**) Browne 1941, 1961c: 200. (**ds**) Beeson 1941 (1961: 266); Browne 1961c: 200, 1968a: 132–133, 1980d: 491; Ohno, Yoneyama, & Nakazawa 1982b: 10; Schedl 1972f: 185. (**tx**) Browne 1955: 369; Schedl 1935n: 635–636, 1972f: 185, 1978a: 57.

pseudodignatus Schedl 1963d: 232. Holotype ♂; Brasilien: Sao Paulo, Caraguatatuba, Res. Flor., 40 m; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil).

References: (**ds**) Schedl 1972f: 241. (**tx**) Schedl 1963d: 232, 1972f: 241, 1978a: 58.

pseudolongulus Schedl 1963d: 233. Holotype ♂; Franz. Guayana; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil/ Cayenne).

References: (**ds**) Schedl 1972f: 205, 1976a: 58. (**tx**) Schedl 1963d: 233, 1972f: 205, 1978a: 58.

pseudoplicatus Schedl 1933c: 168. Holotype ♂; Costa Rica, San Jose, 1000–1200 m; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica).

References: (**ds**) Blackwelder 1947: 790; Equihua

- & Atkinson 1987: 27; Schedl 1933c: 168, 1972f: 241. **(tx)** Equihua & Atkinson 1987: 27; Schedl 1933c: 168, 1972f: 241, 1978b: 58.
- pseudoporus** Schedl 1979g: 117. Holotype ♂; Papua, Upper Manki L.A., Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1979g: 117.
- pseudoselysi** Schedl 1972h: 71. Holotype ♂; New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(ds)** Schedl 1972f: 224. **(tx)** Schedl 1972f: 224, 1972h: 71, 1978a: 58.
- pseudosindorae** Browne 1983a: 570. Holotype ♂; Wapoga (West Irian) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: "Himelio, Matoa" logs.
References: **(ds)** Ohno, Yoneyama, & Nakazawa 1987a: 95. **(tx)** Browne 1983a: 570.
- pseudosolidus** Schedl 1936e: 56. Lectotype ♂; Sumatra, Si-Rambe; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 58.
Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo, Sumatra).
Hosts: *Castanopsis sumatrana*, *Pasania* sp.
Notes: (3) Browne 1955: 370 and Schedl 1971: 394 (described female).
References: **(hb)** Browne 1961c: 209. **(ds)** Schedl 1971c: 370, 1972f: 199. **(tx)** Browne 1955: 370; Nunberg 1961: 624; Schedl 1936e: 56, 1953c: 291, 1971c: 394, 1972f: 199, 1978a: 58.
- pseudoterminatus** Schedl 1936j: 35. Lectotype ♂; Malay Peninsula, Pahang: Rotan Tunggal Forest Reserve; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 58.
Distribution: Asia (Malaya).
References: **(hb)** Browne 1941. **(ds)** Browne 1961c: 213; Schedl 1936j: 35, 1972f: 186. **(tx)** Schedl 1936j: 35, 1941c: 363, 1972f: 186, 1978a: 58.
- ptochoides** Schedl 1970b: 367. Holotype ♂; Philippine Islands, Talomo to Miyako (Japan), imported; PPST, Tokyo.
Distribution: Philippine Islands.
References: **(ds)** Browne 1984c: 499; Nobuchi 1977: 127; Schedl 1972f: 196. **(tx)** Nobuchi 1985: 329; Schedl 1970b: 367–368, 1972f: 196, 1978a: 58.
- puerulus** (Schedl) 1939e: 357 (*Crossotarsus*). Lectotype ♂; Malaya, Perak: Trolak; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 59.
Distribution: Asia (Malaya), Indonesia (Borneo).
Hosts: *Dialium* sp., *Elateriospermum tapos*, *Laurineae* sp., *Lophopetalum* sp., *Nephelium* sp., *Xylopia cordata*.
Notes: (1) Schedl 1972f: 237 (to *Platypus*).
References: **(hb)** Browne 1961c: 200. **(ds)** Beeson 1941 (1961: 254); Browne 1961c: 200, 202, 1981b: 599, 1986c: 662; Schedl 1972f: 237. **(tx)** Schedl 1939e: 357–358, 1941c: 356, 1950g: 895–896, 1972f: 237, 1978a: 59.
- puerulus parvulus** Schedl 1939e: 358 (*Crossotarsus*). Holotype ♂; Kepong, Malaya; Schedl Collection in NHMW, Wien.
References: **(ds)** Schedl 1972f: 237. **(tx)** Schedl 1939e: 358, 1972f: 237, 1978a: 59.
- pulicaris** Chapuis 1865: 165. Holotype ♂; du Bresil, Ste. Catherine; IRSNB, Brussels (Schedl 1960c: 26).
Figures: Bright 1972d: 19.
Hosts: *Cedrela fissula*.
Distribution: Antilles Islands (Guadeloupe/ Jamaica/ Puerto Rico/ Trinidad), South America (Argentina/ Bolivia/ Brazil/ Cayenne/ Colombia/ Paraguay/ Suriname).
References: **(cn)** Ruffinelli & Carbonell 1944: 27. **(ds)** Blackwelder 1947: 790; Bright 1972d: 22; Browne 1981b: 600; Equihua & Atkinson 1987: 27; Gemminger & Harold 1872: 2700; Schedl 1967d: 5, 1972f: 234, 1972g: 40, 1973d: 164, 1976a: 58, 1978c: 292, 1979e: 58; Schonherr & Pedrosa-Macedo 1981: 58; Strohmeyer 1912c: 12, 1914c: 25. **(tx)** Bright 1972d: 19, 22; Chapuis 1865: 165; Equihua & Atkinson 1987: 27; Reichardt 1964b: 88; Schedl 1934e: 212, 1938i: 28, 1939j: 565, 1941e: 155, 1952e: 123, 1959m: 557, 1960c: 26, 1972f: 234; Strohmeyer 1912c: 12, 1914c: 25.
- melanurus** Chapuis 1865: 180. Holotype ♂; de la Colombie; IRSNB, Brussels (Schedl 1960c: 30). Synonymy: Reichardt 1964: 88.
References: **(ds)** Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Nunberg 1958a: 481, 1972b: 190; Strohmeyer 1912c: 11, 1914c: 25. **(tx)** Chapuis 1865: 180; Nunberg 1958a: 481–482; Reichardt 1964: 88; Schedl 1936c: 237, 1948d: 41, 1960c: 30, 1972f: 234; Strohmeyer 1912c: 11, 1914c: 25.
- schaumi** Chapuis 1865: 181. Syntypes ♂ ♀; du Porto-Rico; 1 ♂, 1 ♀ in MNB, Berlin. Synonymy: Reichardt 1964: 88.
References: **(ds)** Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Reichardt 1948: 385; Strohmeyer 1912c: 13, 1914c: 25; Wolcott 1936: 317, 1948: 385. **(tx)** Chapuis 1865: 181; Reichardt 1964: 88; Schedl 1936c: 237, 1937d: 33, 39, 1951h: 287, 1952a: 446, 1972f: 234; Strohmeyer 1912c: 13, 1914c: 25.
- pulvinatus** Roberts & Morimoto 1986: 175. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
References: **(tx)** Roberts & Morimoto 1986: 175.
- quadricornutus** Roberts 1989: 281. Holotype ♂; Papua New Guinea: Upper Stony Logging Area, Bulolo, 1200 m; NHMW, Wien.
References: **(tx)** Roberts 1989: 281.

- pumilus** **Browne** 1985a: 195. Holotype ♂: Kadat (Sabah) to Nagoya (Japan), imported: BMNH, London.
Distribution: Indonesia (Borneo).
Hosts: *Shorea* sp.
References: **(tx)** Browne 1985a: 195.
- quadricaudatulus** **Schedl** 1934e: 211. Holotype ♂; Caracas [Venezuela]; Schedl Collection in NHMW, Wien.
Distribution: South America (Venezuela).
References: **(ds)** Blackwelder 1947: 790; Schedl 1969c: 66, 1972f: 219. **(tx)** Schedl 1934e: 211, 1972f: 219, 1978a: 60.
- quadricinctus** **Schedl** 1962i: 77. Holotype ♂; New South Wales: Tweed River; Schedl Collection in NHMW, Wien.
Distribution: Australia (New South Wales).
References: **(ds)** Schedl 1962i: 74, 1972f: 201. **(tx)** Schedl 1962i: 77, 1972f: 201, 1978a: 60.
- quadricornis** **Schedl** 1957d: 123. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 673, 1972f: 226.
Distribution: Africa (Zaire).
Hosts: *Polyalthia suaveolens*.
References: **(tx)** Mayne & Donis 1960: 100, 1962: 286; Schedl 1957d: 123–124, 1962k: 673, 1972f: 226.
- quadridentatus** (**Olivier**) 1795: 5 (*Scolytus*). Holotype ♂; Amerique septentrionale [USA]; MNHN, Paris, not found, presumed lost.
Figures: Atkinson 1989c.
Distribution: North America (Alabama, Arkansas, Florida, Georgia, S Indiana, Louisiana, Maryland, Mississippi, North Carolina, E Oklahoma, South Carolina, Tennessee, E Texas, Virginia, West Virginia in USA).
Hosts: *Quercus* spp.
Notes: A report of this species from Arizona requires confirmation.
References: **(ay)** Hopkins 1894g: Khalaf 1980: 339. **(cn)** Anonymous 1968g; Blackman 1950; Chamberlin 1939: 110–112; Doane et al. 1936; Hubbard 1897b: 15; Seymour 1968. **(ec)** Chamberlin 1939: 110–112; Felt 1906: 720. **(hb)** Atkinson 1989c; Baker, W. L. 1972: 273; Beal & Massey 1945: 64–65; Beal et al. 1952: 114–115; Blackman 1922b: 39–41, 1950; Chamberlin 1939: 110–112; Doane et al. 1936; Felt 1906: 720; Hetrick 1967; Hopkins 1894g: 277; Hubbard 1897b: 15; Husson 1955: 350. **(ds)** Anonymous 1968g; Atkinson 1989c; Atkinson et al. 1991: 153; Beal & Massey 1945: 64–65; Blackman 1922b: 39–41, 1950; Blatchley & Leng 1916: 583; Chamberlin 1939: 110–112; Drooz 1985: 375; Equihua & Atkinson 1987: 28; Gemminger & Harold 1872: 2700; Henshaw 1885: 147; Hopkins 1893a: 127, 1893b: 207; Schedl 1972f: 223; Schwarz 1878d: 468; Staines, C. L. 1982; Strohmeyer 1912c: 12, 1914c: 25; Swaine 1909: 85; Wood, S. L. 1979a: 2. **(tx)** Atkinson 1989c; Beal & Massey 1945: 64–65; Blackman 1922b: 39–41; Blatchley & Leng 1916: 583; Chamberlin 1939: 110–112; Chapuis 1865: 338; Equihua & Atkinson 1987: 28; Hubbard 1897b: 15; LeConte 1868: 151, 1876: 343–344, 1878a: 468; Olivier 1795b: 5; Schedl 1972f: 223; Strohmeyer 1912c: 12, 1914c: 25; Swaine 1909: 85; Wood, S. L. 1972b: 249, 1979a: 2.
- blanchardi** Chapuis 1865: 185. Syntypes ♂; Texas: 2 ♂ in MNB, Berlin, 1 ♂ in MNHN, Paris (Schedl 1960c: 31). Synonymy: LeConte 1876: 344.
References: **(ds)** Blackwelder 1939; Gemminger & Harold 1872: 2697; Leng 1920: 337; Schedl 1933c: 171; Swaine 1909: 86. **(tx)** Chapuis 1865: 185; LeConte 1868: 151, 1876: 344; Schedl 1937d: 39, 1960c: 31, 1972f: 223; Swaine 1909: 86; Wood, S. L. 1979a: 2.
- disciporus** Chapuis 1865: 219. Holotype ♀; de l'Amerique boreale, Tennesse, Coll. de M. Dohrn; presumably Stettin Museum, lost, 1 ♀ not in type series, det. Chapuis in MNB, Berlin. Synonymy: Wood 1958b: 37, 1972b: 249.
References: **(hb)** Chamberlin 1939: 110. **(ds)** Chamberlin 1939: 110; Gemminger & Harold 1872: 2698; Leng 1920: 337; Sampson 1928a: 3; Strohmeyer 1912c: 13, 1914c: 26; Swaine 1909: 85; Wood, S. L. 1958b: 37. **(tx)** Chamberlin 1939: 110; Chapuis 1865: 219; LeConte 1868: 151, 1876: 343; Sampson 1928a: 3; Schedl 1937d: 40, 1960c: 31, 1961i: 232, 1972f: 223; Strohmeyer 1912c: 13, 1914c: 26; Swaine 1909: 85; Wood, S. L. 1958b: 37, 1972b: 249, 1979a: 1.
- quadrifissilis** **Schedl** 1936e: 58. Lectotype ♂; Mt. Makiling, Laguna, P.I., 400 Fuss; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 60.
Distribution: Asia (Andaman Islands in India/Malaya), Indonesia (Borneo, Mentawai), Philippine Islands.
Hosts: *Bombax insignis*, *Pterocymbium cinctorium*, *Salmalia insignis*, *Scaphium affine*, *Shorea leprosula*, *Sterculia villosa*.
References: **(cn)** Mathur & Singh 1961a: 10. **(hb)** Browne 1941, 1961c: 202. **(ds)** Beeson 1961: 266; Browne 1961a: 313, 1961c: 202, 1980c: 484, 1984c: 449; Mathur & Singh 1961a: 10; Nobuchi 1977: 116; Schedl 1961f: 96, 1966b: 94, 1966g: 33, 1969c: 66, 1972f: 227. **(tx)** Nobuchi 1985: 330; Schedl 1936e: 58, 1939e: 336, 1942a: 172, 1961f: 96, 1972f: 227, 1978a: 60.
- quadrinotatus** **Schedl** 1975g: 231. Holotype ♂; New Guinea, Wau; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Notes: (3) Roberts 1989: 281 (described female).
References: **(tx)** Schedl 1975g: 231, 1978a: 60.

quadruporus (Beeson) 1937: 96 (*Crossotarsus*).
Syntypes ♂ ♀; Bengal: Darjeeling division.
Debrepiani, 6000 feet; FRI, Dehra Dun.
Distribution: Asia (Bhutan/ Bengal in India).

Hosts: *Quercus lamellosa*, *Q. lineata*.

Notes: (1) Schedl 1972f: 219 (to *Platypus*).

References: (ds) Schedl 1972f: 219, 1975c: 384.
(tx) Beeson 1937: 96–97; Schedl 1969c: 66, 1972f: 219, 1978a: 60.

quadrspinatus Chapuis 1865: 221. Syntypes ♂; de la Colombie; 1 ♂ in MNB, Berlin, 1 ♂ in IRSNB, Brussels.

Distribution: South America (Brazil/ Cayenne/ Colombia/ Venezuela).

Hosts: *Cedrela fissilis*.

Notes: (3) Schedl 1936c: 239 (described female).
References: (cn) Morris 1955: 139. (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Sampson 1928a: 3; Schedl 1972f: 219, 1976a: 58; Schonherr & Pedrosa-Macedo 1981: 58; Strohmeier 1912c: 13, 1914c: 26. (tx) Chapuis 1865: 221; Sampson 1928a: 3; Schedl 1934e: 211, 1935i: 44, 1936c: 239, 1937d: 33, 40, 1948f: 283, 1959m: 555, 1960c: 40, 1972f: 219, 1978a: 61; Strohmeier 1912c: 13, 1914c: 26.

quadrspinis Browne 1980d: 496. Holotype ♂; Manokwari (New Guinea) to Nagoya (Japan), imported; BMNH, London.

Figures: *Ficus* sp.

Distribution: New Guinea.

References: (ds) Browne 1984b: 287. (tx) Browne 1980d: 496, 1984c: 292.

quaesitus Schedl 1934e: 210. Holotype ♀; Costa Rica, St. Jose [San Jose]; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica).

References: (ds) Blackwelder 1947: 790; Equihua & Atkinson 1987: 28; Schedl 1972f: 241. (tx) Equihua & Atkinson 1987: 28; Schedl 1934e: 210, 1972f: 241, 1978a: 61.

queenslandi Schedl 1936g: 518. Lectotype ♂; North Queensland; Schedl Collection in NHMW, Wien.

Distribution: Australia (Queensland).

Hosts: *Alphitonia petriei*, *Araucaria cunninghamii*, *Canarium australasicum*, *Juglans* sp.

References: (ds) Schedl 1936g: 518, 1972f: 185, 1980b: 185. (tx) Schedl 1936g: 518–519, 1958i: 214, 1972f: 185, 1978b: 61.

querceus Wood 1972b: 251. Holotype ♂; Volcan de Chiriqui (near Cerro Punta), Chiriqui, Panama; Wood Collection.

Distribution: North America (Costa Rica/ Panama).

Hosts: *Quercus* sp.

References: (ds) Equihua & Atkinson 1987: 28. (tx) Equihua & Atkinson 1987: 28; Wood, S. L. 1972b: 251.

querqi Browne 1980c: 488. Holotype ♂; Keelung (Formosa) to Nagoya (Japan), imported; BMNH, London.

Distribution: Asia (Taiwan).

Hosts: *Quercus* sp.

References: (tx) Browne 1980c: 488.

quercicola Schedl 1971c: 394. Holotype ♂; Malay Penin.: Kelantan Chabong, Jongtrat F.R.; BMNH, London.

Distribution: Asia (Malaya).

Hosts: *Quercus* sp.

References: (ds) Schedl 1972f: 185. (tx) Schedl 1971c: 394–395, 1972f: 185.

quercinus Schedl 1942a: 213. Holotype ♂; Malaya, N.S., Pasoh F.R.; BMNH, London.

Distribution: Asia (Malaya).

Hosts: *Castanopsis sumatrana*, *Quercus wrayi*.

References: (ds) Browne 1961c: 218; Schedl 1972f: 217. (tx) Schedl 1942a: 213, 1972f: 217.

quercivorus Murayama 1925b: 229. Syntypes ♂ ♀; Taiwan; Murayama Collection in USNM, Washington.

Figures: Nobuchi 1973b: pl. 2.

Distribution: Asia (Bengal in India/ Japan/ Taiwan), Indonesia (Java), New Guinea.

Hosts: *Castanopsis cuspidata*, *Cryptomeria japonica*, *Ilex chinensis*, *Lindera erythrocarpa*, *Lithocarpus edulis*, *Pasania glabra*, *Prunus* sp., *Quercus acuta*, *Q. acutissima*, *Q. gilva*, *Q. glauca*, *Q. mongolica* var. *grosseserrata*, *Q. myrsinaefolia*, *Q. salicina*, *Q. serrata*, *Q. sessilifolia*.

Notes: (1) Schedl 1972f: 217 (to *Platypus*).

References: (cn) Anonymous 1980g; Murayama 1954a: 17. (ds) Anonymous 1980g; Murayama 1929a: 678, 1936a: 140, 1937c: 580, 1954a: 17, 1955: 100, 105; Nobuchi 1973b: 14; Schedl 1972f: 217. (tx) Beeson 1937: 94; Murayama 1925b: 229–231, 235, 1928a: 287, 1930b: 28–29, 1936a: 140–141, 1955: 100, 105; Nobuchi 1973b: 14, pl. 2; Schedl 1939c: 4, 1972f: 217, 1972p: 156.

sexfenestratus Beeson 1937: 94 (*Crossotarsus*).

Syntypes ♂ ♀; Bengal: Kalimpong division, Samsingh; FRI, Dehra Dun. Synonymy: Schedl 1972p: 156.

Notes: (1) Schedl 1972f: 217 (to *Platypus*).

References: (ds) Beeson 1941 (1961: 266); Kalshoven 1960d: 41. (tx) Beeson 1937: 94–95; Schedl 1939c: 4, 1941c: 354, 1969c: 66, 1972f: 217, 1972p: 156.

quinquecostatus Chapuis 1865: 149. Syntypes ♂; du Mexique; 2 ♂ in IRSNB, Brussels (Schedl 1960c: 22).

Distribution: North America (El Salvador/ Guatemala/ Mexico).

Hosts: *Hevea brasiliensis*.

References: (ds) Blackwelder 1947: 790; Blandford 1896e: 103; Equihua & Atkinson 1987: 28; Ferrer 1942; Gemminger & Harold 1872: 2700; Schedl 1972f: 241, 1977e: 44; Strohmeier 1912c:

- 9, 1914c: 24. **(tx)** Blandford 1896e: 103; Chapuis 1865: 149; Equihua & Atkinson 1987: 28; Schedl 1940a: 324, 1960c: 22, 1972f: 241; Strohmeier 1912c: 9, 1914c: 24.
- ramali Schedl** 1940c: 203. Syntypes ♂; Costa Rica, Ramal Parismina, Sta. Clara; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica/ Panama).
References: **(ds)** Equihua & Atkinson 1987: 28; Schedl 1972f: 241. **(tx)** Equihua & Atkinson 1987: 28; Schedl 1940c: 203, 1972f: 241, 1978a: 61.
- ramosissimus Roberts & Morimoto** 1986: 176. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Cryptocarya* sp.
References: **(tx)** Roberts & Morimoto 1986: 176.
- ramulosus Roberts & Morimoto** 1986: 177. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Cryptocarya* sp.
References: **(tx)** Roberts & Morimoto 1986: 177.
- rasilis Schedl** 1979g: 118. Holotype ♀; Papua, Upper Manki L.A., Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1979g: 118.
- ratzeburgi Chapuis** 1865: 227. Syntypes ♂ ♀; de la Guyanne francaise, de la Colombie, et du Bresil; 1 ♀ in MNB, Berlin, 2 ♂ in BMNH, London, 1 ♂, 1 ♀ in IRSNB, Brussels.
Distribution: Antilles Islands (Cuba/ Guadeloupe/ Puerto Rico/ Trinidad), North America (Costa Rica/ El Salvador), South America (Argentina/ Bolivia/ Brazil/ Cayenne/ Colombia/ Paraguay/ Peru/ Suriname/ Venezuela).
Hosts: *Erythrina costaricensis*, *Inga* sp., *Lonchocarpus margaritensis*.
References: **(hb)** Kalshoven 1963; Swabey 1935: 7. **(ds)** Blackwelder 1947: 790; Equihua & Atkinson 1987: 28; Gemminger & Harold 1872: 2700; Kalshoven 1963: 238; Martorell 1945: 467–468; Santoro 1957b: 26; Schedl 1933c: 174, 1960a: 78, 1970e: 87, 1972f: 218, 1972g: 50, 1977e: 44; Strohmeier 1912c: 14, 1914c: 26; Swabey 1935: 7; Wolcott 1936: 316, 1948: 385. **(tx)** Chapuis 1865: 227; Equihua & Atkinson 1987: 28; Schedl 1936e: 55, 1937d: 40, 1939j: 565, 1941e: 156, 1948d: 37, 1952a: 444, 1952e: 123, 1952h: 73, 1957a: 194, 1960a: 78, 1960c: 41–42, 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.
- raucis Schedl** 1936c: 224. Syntypes ♂ ♀; Guayana (?); Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne/ Suriname).
Notes: (1) Schedl 1978a: 62 (citation of holotype invalid).
References: **(ds)** Blackwelder 1947: 790; Schedl 1972f: 241. **(tx)** Schedl 1936c: 224, 1972f: 241, 1978a: 62.
- refractus Roberts & Morimoto** 1986: 178. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
References: **(tx)** Roberts & Morimoto 1986: 178.
- reichei Chapuis** 1865: 135. Syntypes ♂ ♀; de la Colombie; 1 ♀ in MNB, Berlin, 1 ♂ in IRSNB, Brussels (Schedl 1960c: 19).
Distribution: North America (Costa Rica/ Nicaragua/ Panama), South America (Brazil/ Colombia).
Hosts: *Ficus* sp., etc.
Notes: (3) Breeds only in healthy, green tissue of living trees.
References: **(ds)** Blackwelder 1947: 790; Blandford 1896e: 98; Equihua & Atkinson 1987: 28; Gemminger & Harold 1872: 2700; Schedl 1933c: 166, 1972f: 241; Strohmeier 1912c: 9, 1914c: 24. **(tx)** Blandford 1896e: 98; Chapuis 1865: 135; Equihua & Atkinson 1987: 28; Schedl 1934e: 210, 1935e: 176, 1935h: 354, 1936c: 228, 1960c: 19, 1972f: 241; Strohmeier 1912c: 9, 1914c: 24.
- retusipennis Schedl** 1964c: 301. Holotype ♂; Ostkuste Sumatras, Brastagi, 1300 m; ZMA, Amsterdam.
Distribution: Indonesia (Sumatra).
References: **(ds)** Schedl 1972f: 212. **(tx)** Schedl 1964c: 301, 1972f: 212.
- retusulus Schedl** 1975a: 460. Holotype ♂; Vietnam: Tonkin, Kelao; Schedl Collection in NHMW, Wien.
Distribution: Asia (Tonkin Island in Vietnam).
References: **(ds)** Schedl 1975a: 453. **(tx)** Schedl 1975a: 453, 460.
- retusus Strohmeier** 1910e: 132. Holotype ♂; Nilgiri Hills (India orientalis); H. L. Andrews Collection.
Distribution: Asia (India).
References: **(ds)** Schedl 1972f: 212; Strohmeier 1912c: 19, 1914c: 29. **(tx)** Schedl 1972f: 212; Strohmeier 1910e: 132, 1912c: 19, 1914c: 29.
- rimulosus Schedl** 1950e: 215. Lectotype ♀; Cote d'Ivoire, Adiopodoume, upon Avodire; Schedl Collection in NHMW, Wien.
Distribution: Africa (Ghana/ Ivory Coast).
Hosts: *Turraeanthus africana*.
References: **(ec)** Jover 1952: 73–81. **(hb)** Cachan 1957: 6, 15; Jover 1952: 73–81. **(ds)** Browne 1984b: 287; Schedl 1962h: 63, 1962k: 640, 1972f: 216. **(tx)** Schedl 1950e: 215, 1954d: 874, 885, 1957d: 120–121, 1962k: 640, 1972f: 216, 1978a: 62.
- roberti Chapuis** 1865: 183. Syntypes ♂; de Madagascar; 1 ♂ in MNB, Berlin, 2 ♂ in MNHN, Paris.
Distribution: Madagascar.
Notes: (3) Browne 1972c: 108 (described female).
References: **(ds)** Alluaud 1900: 441; Fairmaire 1892b; Gemminger & Harold 1872: 2700; Nunberg 1964: 237; Schedl 1972f: 234, 1977b: 253;

- Strohmeyer 1912c: 12, 1914c: 25. (**tx**) Browne 1972c: 108; Chapuis 1865: 183; Fairmaire 1892b; Schaufuss 1897b: 109; Schedl 1936c: 237, 1937d: 33, 39, 1960c: 31, 1961e: 156–157, 1964m: 316, 1967f: 149, 1972f: 234, 1977b: 253, 1978b: 62; Strohmeyer 1912c: 12, 1914c: 25.
- robustus Chapuis** 1865: 146. Holotype ♂; du Venezuela; BMNH, London (Schedl 1960c: 21). Distribution: South America (Venezuela). References: (**ds**) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Schedl 1972f: 241; Strohmeyer 1912c: 7, 1914c: 24. (**tx**) Chapuis 1865: 146; Schedl 1960c: 21, 1972f: 241; Strohmeyer 1912c: 9, 1914c: 24.
- roppai Schedl** 1978c: 308. Holotype ♂; Brasilien, Linhares, E. Santo; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (**tx**) Schedl 1978c: 308.
- rotundicauda Motschulsky** 1863: 509. Syntypes 2 ♀; des Montagnes de Nura-Ellia, syntypes labeled India Orientalis; IZM, Moscow. Distribution: Asia (Sri Lanka). References: (**hb**) Speyer 1923: 23. (**ds**) Gemminger & Harold 1872: 2700; Schedl 1972f: 242; Strohmeyer 1912c: 19, 1914c: 29. (**tx**) Motschulsky 1863: 509; Schedl 1972f: 242; Strohmeyer 1912c: 19, 1914c: 29.
- rufescens (Strohmeyer)** 1912f: 82 (*Crossotarsus*). Holotype ♂; Kamerun; MNB, Berlin, and Strohmeyer Collection. Figures: Schedl 1962k: 643. Distribution: Africa (Cameroon/ Ivory Coast/ Nigeria/ Sierra Leone/ Zaire/ Zambia). Hosts: *Ochthocosmus africanus*. *Parinarium holstii*. *Terminalia superba*. Notes: (1) Schedl 1972f: 223 (to *Platypus*). References: (**ds**) Schedl 1933f: 202, 1972f: 223, 1979b: 416; Strohmeyer 1912c: 6, 1914c: 36. (**tx**) Schedl 1933f: 202, 1935g: 313–314, 1957d: 118, 120–123, 1962k: 641, 1972f: 223; Strohmeyer 1912c: 6, 1912f: 82, 85, 1914c: 36.
- elongatus Schedl** 1935g: 313 (*Stenoplatypus*). Lectotype ♂; Belgian Congo: Sandoa, Lulua; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 27, preoccupied by Chapuis 1865. Notes: (3) Schedl 1972f: 223 (treated as a subspecies of *rufescens*). References: (**ds**) Schedl 1972f: 223. (**tx**) Schedl 1933f: 202, 1935g: 313–314, 1950d: 11, 1952i: 23, 1957d: 120, 123, 1959c: 168, 1962k: 642, 1972f: 223, 1978a: 27.
- rufescens parinariae Schedl** 1957d: 122. Holotype ♀; Kivu, Hembe-Bitale, 1800 m; MRCB, Teruren. Notes: (3) Schedl 1972f: 223 (treated as a subspecies of *rufescens*). References: (**ds**) Roberts 1968: 189, 1969: 119; Schedl 1962k: 642, 1972f: 223. (**tx**) Schedl 1957d: 120, 122–123, 1962k: 642–643, 1972f: 223, 1972p: 159, 1978a: 63.
- ochthocosmus Roberts** 1970b: 480. Holotype ♂; Sierra Leone: Gola West Forest Reserve; BMNH, London. Synonymy: Schedl 1972f: 223. References: (**ds**) Beaver & Loytyniemi 1989. (**tx**) Beaver & Loytyniemi 1989; Roberts 1970b: 480; Schedl 1972f: 223, 1972p: 159.
- rufobrunneus Schedl** 1942a: 207. Holotype ♀; Tenasserim; Schedl Collection in NHMW, Wien. Distribution: Asia (Burma). References: (**ds**) Schedl 1972f: 242. (**tx**) Schedl 1942a: 207, 1972f: 242, 1978a: 63.
- rugosifrons Schedl** 1933c: 173. Holotype ♂; Brazil, S. Paulo, Alto da Serra; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil/ Venezuela). References: (**ds**) Blackwelder 1947: 790; Schedl 1933c: 173, 1972f: 234. (**tx**) Schedl 1933c: 173, 1972f: 234, 1978a: 63; Wood, S. L. 1992a: 91.
- pretiosus Schedl** 1961i: 233. Holotype ♂; Venezuela, Mt. Duida; CAS, San Francisco. Synonymy: Wood 1992a: 91. References: (**ds**) Schedl 1960a: 78, 1972f: 234. (**tx**) Schedl 1961i: 233, 1972a: 234, 1978a: 56; Wood, S. L. 1992a: 91.
- runcinatus Roberts** 1986: 52. Holotype ♂; Papua New Guinea: Mt. Giluwe, 2000 m; BMNH, London. Figures: Roberts 1986: 57. Distribution: New Guinea. Hosts: *Nothofagus pullei*, *Vavaea* sp. References: (**tx**) Roberts 1986: 52, 57.
- sallei Chapuis** 1865: 218. Syntypes 2 ♂; de la Colombie; BMNH, London. Distribution: South America (Colombia/ Venezuela). References: (**ds**) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Schedl 1972f: 219; Strohmeyer 1912c: 13, 1914c: 26. (**tx**) Chapuis 1865: 218; Schedl 1939b: 399, 1948f: 283, 1960c: 40, 1972f: 219; Strohmeyer 1912c: 13, 1914c: 26.
- salvini Blandford** 1896e: 103. Syntypes 2 ♂; Guatemala, Cerro Zunil; BMNH, London. Figures: Blandford 1896e: pl. 4, fig. 14. Distribution: North America (Guatemala). References: (**ds**) Blackwelder 1947; Equihua & Atkinson 1987: 28; Schedl 1972f: 241; Strohmeyer 1914c: 24. (**tx**) Blandford 1896e: 103; Equihua & Atkinson 1987: 28; Schedl 1972f: 241; Strohmeyer 1914c: 24.
- sampsoni (Schedl)** 1933f: 202 (*Stenoplatypus*). Lectotype ♂; South Africa, Zululand: Eshowe, and Port St. John: Pondoland; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 63. Distribution: Africa (South Africa).

- Hosts: *Cassipourea gummiflua*, *Fagara capensis*, *Olea laurifolia*, *Virgilia capensis*.
References: (**cn**) Anonymous 1970c: 12. (**ec**) Walt & Scott 1971a; Walt, Scott, & van der Klift 1971b: 463. (**hb**) Browne 1961c: 221. (**ds**) Anonymous 1970c: 12; Schedl 1933f: 202–203, 1962k: 658, 1969d: 6, 1970h: 179, 1972f: 216, 1975k: 279. (**tx**) Schedl 1933f: 202–203, 1948c: 665, 1957c: 326, 1957d: 120, 1962k: 658–659, 1972f: 216.
- sandakanensis** Browne 1970: 577. Holotype ♂; Sabah; Sandakan; BMNH, London.
Distribution: Indonesia (Borneo).
References: (**ds**) Browne 1980c: 484, 1981b: 598; Ohno, Yoneyama, & Nakazawa 1987a: 95; Schedl 1972f: 199. (**tx**) Browne 1970: 577–578; Schedl 1972f: 199.
- santacruzensis** Mutchler 1925: 233. Holotype ♂; Galapagos Islands; Seymour Bay, Indefatigable Island; AMNH, New York.
Distribution: South America (Galapagos Islands).
References: (**ds**) Blackwelder 1947: 790; Mutchler 1924: 232; Schedl 1972f: 234, 1974e: 52, 1978c: 293. (**tx**) Mutchler 1924: 232; Schedl 1972f: 234.
- santiriae** Roberts 1970: 75. Holotype ♂; Nigeria; Ngel Nyaki Forest Reserve, Mambilla Plateau, 1650 m; MRCB, Tervuren.
Distribution: Africa (Nigeria).
Hosts: *Santiria trimera*.
References: (**tx**) Roberts 1970: 75.
- sarawakensis** (Schedl) 1937e: 546 (*Crossotarsus*).
Lectotype ♂; Sarawak, foot of Mt. Dulit, junction of rivers Tinjar and Lejok; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 64.
Distribution: Indonesia (Sarawak in Borneo).
References: (**ds**) Schedl 1972f: 224. (**tx**) Schedl 1937e: 544–547, 1972f: 224, 1978a: 64.
- scalaris** Schedl 1980b: 188. Holotype ♂; Nth [Northern] Queensland, Australia; Schedl Collection in NHMW, Wien.
Distribution: Australia (Queensland).
Hosts: *Flindersia pubescence*.
References: (**tx**) Schedl 1980b: 188.
- sculptor** Schedl 1975f: 394. Holotype ♀; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975f: 394.
- schenklingi** (Strohmeyer) 1912f: 81 (*Crossotarsus*). Syntypes ♂; Kamerun; MNB, Berlin, and Strohmeyer Collection.
Distribution: Africa (Cameroon/ Congo/ Ghana/ Ivory Coast/ Nigeria/ Sierra Leone/ Tanzania/ Uganda/ Zaire).
Hosts: Schedl 1962k: 638–639 (15 host species listed).
Notes: (3) Schedl 1939g: 169–170 (described female).
References: (**ec**) Schedl 1962k: 637. (**hb**) Browne 1963a: 252; Schedl 1962k: 637. (**ds**) Browne 1963a: 252; Mayne & Donis 1960: 100, 1962: 287; Roberts 1968: 189, 1969: 119; Schedl 1961m: 85, 1962h: 63, 1962k: 637, 1108, 1964j: 42, 1972f: 223; Strohmeyer 1912c: 6, 1914c: 36. (**tx**) Schedl 1937d: 42, 1939g: 169–170, 1941d: 414, 1952i: 22, 1957d: 118, 120, 1962k: 637, 1972f: 223, 1978a: 64; Strohmeyer 1912c: 6, 1912f: 81–85, 1914c: 36.
- schmidtii** Chapuis 1865: 150. Holotype ♂; de Cayenne; IRSNB, Brussels (Schedl 1960c: 22).
Distribution: South America (Cayenne).
References: (**ds**) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Schedl 1972f: 241; Strohmeyer 1912c: 9, 1914c: 24. (**tx**) Chapuis 1865: 150; Schedl 1936c: 234, 1939b: 399, 1948d: 39–40, 1960c: 22, 1972f: 241; Strohmeyer 1912c: 9, 1914c: 24.
- schultzeanus** Schedl 1966b: 98. Syntypes ♂; Luzon, Mountain Province, Benguet, Mount Santo Tomas; W. Schultze Collection, and Schedl Collection in NHMW, Wien, automatic.
Distribution: Philippine Islands (Luzon).
References: (**ds**) Schedl 1966b: 98, 1972f: 200. (**tx**) Nobuchi 1985: 329; Schedl 1966b: 98, 1972f: 200.
- schultzei** Schedl 1935k: 481 (*Crossotarsus*). Syntypes ♂; Mountain Province, Benguet, Mount Santo Tomas; W. Schultze Collection, and Schedl Collection in NHMW, Wien, preoccupied by Strohmeyer 1911.
References: (**ds**) Murayama 1957a: 37; Strohmeyer 1912c: 18. (**tx**) Schedl 1935k: 481–482, 1940b: 435, 1966b: 98, 1972f: 200.
- scrobicularis** Roberts 1979: 95. Holotype ♂; Papua New Guinea: 8 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Euodia* sp.
References: (**tx**) Roberts 1979: 95.
- secretus** Sampson 1921: 25. Syntypes ♂ ♀; Tonkin, Hoabinh; BMNH, London.
Distribution: Asia (Bangladesh/ Bhutan/ Burma/ Assam, Bengal in India/ Laos/ Malaya/ Tonkin Island in Vietnam).
Hosts: *Aesculus punduana*, *Albizia* spp., *Alphonsea ventricosa*, *Anthocephalus cadamba*, *Artocarpus fraxinifolius*, *Cinnamomum* sp., *Dalbergia assamensis*, *Diospyros* spp., *Dipterocarpus pilosus*, *Hymenodictyon excelsum*, *Lannea grandis*, *Meliosma simplicifolia*, *Odina woderi*, *Ostodes paniculata*, *Sterculia ornata*, *Terminalia belerica*.
References: (**cn**) Kleine 1932a: 310, 402; Mathur & Singh 1960b: 61, 1961a: 70, 1961b: 26; Roonwal & Singh 1954: 33, 40. (**ec**) Beeson 1921b: 24. (**hb**) Kleine 1932a: 310, 402. (**ds**) Beaver & Browne 1975: 308; Beeson 1921b: 24, 1941 (1961: 266); Bhasin, Roonwal, & Singh 1958; Browne 1970: 576, 1972b: 29; Kleine 1932a: 310,

402; Mathur & Singh 1960b: 61, 1961a: 70, 1961b: 26; Roonwal 1954: 33, 40; Sampson 1921: 25; Schedl 1962f: 167, 1971c: 363, 1972a: 191, 1974c: 262, 1975c: 384. **(tx)** Browne 1964: 755, 1972b: 29; Sampson 1921: 25; Schedl 1972f: 191. *eruditus* Schedl 1942a: 212. Lectotype ♂; Tonkin, Region de Hoa-Binh; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 28. Synonymy: Schedl 1972f: 191. References: **(tx)** Schedl 1942a: 212, 1972f: 191, 1978a: 28.

secus Wood 1972b: 248. Holotype ♂; La Carbonera Experimental Forest, 50 km W Merida, Merida, Venezuela; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Eschweilera* sp., *Nectandra* sp., *Podocarpus raspigliosii*.

References: **(tx)** Wood, S. L. 1972b: 248.

segnis Chapuis 1865: 166. Holotype ♂; de la Nouvelle-Grenade; IRSNB, Brussels (Schedl 1960c: 27). Distribution: Antilles Islands (Guadeloupe), North America (Costa Rica/ Guatemala/ Chiapas, Veracruz in Mexico/ Panama), South America (Bolivia/ Brazil/ Colombia/ Peru/ Venezuela).

References: **(cn)** Kleine 1932a: 402. **(ec)** Equihua & Atkinson 1986: 625. **(hb)** Burgos & Saucedo 1983: 46; Equihua & Atkinson 1986: 625; Kleine 1932a: 402. **(ds)** Atkinson & Equihua 1986a: 423, 1988: 104; Atkinson et al. 1986: 47; Blackwelder 1947: 790; Burgos & Saucedo 1983: 46; Equihua 1985: 144; Equihua & Atkinson 1986: 625, 1987: 29; Estrada & Atkinson 1988: 213; Gemminger & Harold 1872: 2700; Kleine 1932a: 402; Nunberg 1971: 59; Schedl 1966f: 94, 1972f: 234; Strohmeier 1912c: 13, 1914c: 25; Wille 1943: 315. **(tx)** Chapuis 1865: 166; Equihua & Atkinson 1987: 29; Schedl 1952h: 72, 1960c: 27, 1972f: 234; Strohmeier 1912c: 13, 1914c: 25.

poriferus Chapuis 1865: 168. Syntypes 2 ♂; de Toxpan; BMNH, London (Schedl 1960c: 27). Synonymy: Schedl 1972f: 234.

References: **(ds)** Blackwelder 1947: 790; Blandford 1896: 106; Ferrer 1942; Schedl 1933c: 172, 1960a: 75, 1970e: 90; Strohmeier 1912c: 12, 1914c: 25. **(tx)** Blandford 1896: 106; Chapuis 1865: 168; Keler 1927a: 235; Schedl 1940a: 324–325, 1941e: 156, 1960c: 27, 1972f: 234; Strohmeier 1912c: 12, 1914c: 25.

viduus Chapuis 1865: 178. Holotype ♂; Mexico; Haag Collection or lost (Schedl 1960c: 30). Synonymy: Schedl 1972f: 234.

References: **(ds)** Gemminger & Harold 1872: 2700. **(tx)** Chapuis 1865: 178; Schedl 1960c: 30, 1972f: 234.

sellaeformis Roberts & Morimoto 1986: 178. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.

Distribution: New Guinea.

Hosts: *Cryptocarya* sp.

References: **(tx)** Roberts & Morimoto 1986: 178.

selysi Chapuis 1865: 215. Syntypes 2 ♂, 1 ♀; de la Nouvelle Guinee, Dorey; BMNH, London (Schedl 1960c: 39).

Figures: Gray & Wylie 1974: 81.

Distribution: New Guinea.

Hosts: *Aleurites mulluccana*, *Evodia* sp., *Hevea brasiliensis*, *Horsfieldia irya*, *Intsia* sp., *Myristica* sp., *Polyalthia* sp.

References: **(hb)** Gray, B. 1968: 307. **(ds)** Gemminger & Harold 1872: 2700; Gray, B. 1968: 307; Schedl 1962i: 73, 1964c: 305, 1964d, 1968e: 264, 1972f: 224; Smee 1964: 25; Strohmeier 1912c: 13, 1914c: 25. **(tx)** Chapuis 1865: 215; Gray, B. & Wylie 1974: 81; Schedl 1939b: 398, 1940b: 434–435, 1941e: 154, 1960c: 39, 1964d: 213, 1972f: 224; Strohmeier 1912c: 13, 1914c: 25.

semicarinatus Schedl 1942a: 203. Lectotype ♂; Malaya, Pahang, Cameron's Highlands; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 64.

Distribution: Asia (Malaya).

References: **(ds)** Browne 1961c: 198; Schedl 1972f: 206. **(tx)** Schedl 1942a: 203, 1942c: 194, 1972f: 206, 1978a: 64.

semiermis Schedl 1941c: 362. Syntypes ♂ ♀; Java, Mount Gede, 800 m; Kalshoven Collection, and Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya), Indonesia (Borneo, Java).

Hosts: *Pasania* sp.

Notes: (1) Schedl 1978a: 65 (citation of holotype invalid).

References: **(hb)** Kalshoven 1960c: 41. **(ds)** Browne 1961c: 218; Kalshoven 1960d: 41; Schedl 1971c: 370, 1972f: 217. **(tx)** Schedl 1941c: 362–363, 1942a: 172, 1958h: 498, 1972f: 217.

semigranosus (Sampson) 1925: 2 (*Crossotarsus*). Holotype ♂; Queensland: Malanda; BMNH, London.

Distribution: Australia (Queensland).

Hosts: *Argyrodendron* sp., *Cinnamomum* sp., *Elaeocarpus* sp., *Flindersia pubescens*, *Panax* sp.

Notes: (3) Schedl 1980b: 189 (described female). References: **(cn)** Brimblecombe 1951; Froggatt 1926b, 1927. **(hb)** Brimblecombe 1951; Froggatt 1926b, 1927. **(ds)** Sampson 1925: 2; Schedl 1972f: 185, 1980b: 185. **(tx)** Sampson 1925: 2; Schedl 1936g: 516, 1972f: 185, 1980b: 189.

semiopacus Strohmeier 1913: 163. Holotype ♂?; Brit. Neu-Guinea, Aroa-Fluss; Strohmeier Collection.

Distribution: New Guinea.

Hosts: *Podocarpus* sp.

References: **(ds)** Schedl 1968e: 264, 1968f: 535, 1972f: 185; Strohmeier 1914c: 29. **(tx)** Schedl 1935e: 174, 1936g: 517, 1939b: 398, 1969b: 231, 1972f: 185; Strohmeier 1913: 163, 1914c: 29.

- semisulcatus** Schedl 1969b: 231. Holotype ♂; New Guinea: Kum, 11 miles from Mt. Hagen; CSIRO, Canberra.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 212. (tx) Schedl 1969b: 231, 1972f: 212, 1978a: 65.
- senexus** Wood 1966a: 66. Holotype ♂; 16 km SE Cartago on Pan-American Highway, Cartago Prov., Costa Rica, 5600 feet; Wood Collection.
Figures: Schedl 1972f: 220, Wood 1966a: 67.
Distribution: North America (Costa Rica).
References: (ds) Equihua & Atkinson 1987: 29; Schedl 1972f: 220. (tx) Equihua & Atkinson 1987: 29; Schedl 1972f: 220; Wood, S. L. 1966a: 66–67.
- sepaloides** Roberts 1989: 281. Holotype ♂; Papua New Guinea: Upper Stony Logging Area, Bulolo, 1200 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
Hosts: *Castanopsis* sp.
References: (tx) Roberts 1989: 281, 286.
- sequius** Schedl 1935i: 44. Syntypes ♂; Guadeloupe, env. de Trois-Rivieres; MNHN, Paris, and Schedl Collection in NHMW, Wien.
Distribution: Antilles Islands (Guadeloupe).
Notes: (1) Schedl 1978a: 65 (type restricted to MNHN, Paris specimens).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 219. (tx) Schedl 1935i: 44, 1972f: 219, 1978a: 65.
- sericans** Schedl 1942a: 211. Lectotype ♀; Malaya, Perak, Trolak F.R.; Schedl Collection, designated by Schedl 1978a: 65.
Distribution: Asia (Malaya).
Hosts: *Vatica* sp.
References: (ds) Browne 1961c: 200; Schedl 1972f: 242. (tx) Schedl 1942a: 210–211, 1972f: 242, 1978a: 65.
- setaceus** Chapuis 1865: 234. Syntypes 2 ♂; des îles Philippines; IRSNB, Brussels (Schedl 1960c: 43).
Distribution: Philippine Islands, New Guinea.
Hosts: *Diplodiscus paniculatus*.
Notes: (3) Schedl 1935k: 484 (described female).
References: (cn) Ishikura 1966. (ds) Baer 1886; Browne 1983a: 554; Gemminger & Harold 1872: 2700; Ishikura 1966; Nobuchi 1977: 122; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1966b: 98, 1972f: 191; Strohmer 1912c: 16, 1914c: 27. (tx) Chapuis 1865: 234; Nobuchi 1985: 329; Schedl 1933e: 105, 1935k: 484–486, 1942a: 212, 1960c: 43, 1972f: 191, 1978a: 66; Strohmer 1911b: 17, 1912c: 16, 1914c: 27.
- severini** Blandford 1894d: 136. Syntypes (many) ♀; Japan: Nikko, Chiuzenji, and Hakodate; BMNH, London.
Figures: Nakane et al. 1963: pl. 192, Nobuchi 1973b: pl. 2.
Distribution: Asia (Japan/Taiwan).
Hosts: *Acer mono*, *Aesculus turbinata*, *Ahus hirsuta*, *A. japonica*, *Camellia japonica*, *Carpinus japonicus*, *Fagus crenata*, *Fraxinus spaethiana*, *F. lanuginosa*, *Prunus* sp., *Quercus gilva*, *Tilia japonica*.
References: (ay) Korolev 1989; Nakashima 1972. (cn) Anonymous 1980g; Ishikura 1966; Kleine 1932a: 402; Uchida et al. 1958: 181. (ec) Banno, Mikata, & Kodama 1983: 445; Inouye et al. 1955: 122; Nakashima 1972. (hb) Inouye et al. 1955: 122; Kleine 1932a: 402; Murayama 1931b: 195; Nakashima 1972. (ds) Anonymous 1980g; Blandford 1894c: Ishikura 1966; Kleine 1932a: 402; Miwa 1931: 266; Murayama 1925a: 212, 1929a: 672, 1931b: 195, 1934f: 133–149, 1937c: 578, 1949c: 104, 1950b: 1299, 1954b: 188; Nakane et al. 1963: 384; Nobuchi 1967: 27, 1973b: 15; Schedl 1934f: 1647, 1972f: 199; Strohmer 1912c: 16, 1914c: 27. (tx) Blandford 1896e: 136; Korolev 1989; Murayama 1925a: 212, 1925b: 235, 1928a: 283–284, 1950b: 1299, 1954b: 188; Nakane et al. 1963: 384, pl. 2; Nisima 1909: 171, 1910a: 5, 1913a: 5; Nobuchi 1967: 26, 1973b: 15, pl. 2; Schedl 1959d: 68, 1972f: 199; Strohmer 1912c: 16, 1914c: 27.
- sexcostatus** Chapuis 1865: 126. Holotype ♂; du Bresil; MNHN, Paris (Schedl 1960c: 16).
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Schedl 1972f: 241; Strohmer 1912c: 9, 1914c: 24. (tx) Chapuis 1865: 126; Schedl 1936c: 225, 1960c: 16, 1972f: 241; Strohmer 1912c: 9, 1914c: 24.
- sexporus** (Schedl) 1935k: 484 (*Crossotarsus*). Holotype ♀; Philippines; Schedl Collection in NHMW, Wien.
Distribution: Asia (Vietnam), Indonesia (Java), Philippine Islands.
Hosts: *Castanea argentea*, *C. javanica*, *C. tunggurut*.
Notes: (1) Schedl 1954a: 138 (to *Platypus*).
References: (ds) Schedl 1966b: 98, 1972f: 217, 1974c: 262. (tx) Beeson 1937: 93; Nobuchi 1985: 329; Schedl 1935k: 484, 1939c: 4, 1939e: 335, 1954a: 138, 1972f: 217, 1978a: 66.
- sexforaminatus** Beeson 1937: 92. Syntypes ♂ ♀; Philippine Is.; BMNH, London. Synonymy: Schedl 1939c: 4, 1972f: 335.
References: (tx) Beeson 1937: 92–94; Schedl 1939c: 4, 1939e: 335, 1972f: 217.
- sexualis** Beeson 1937: 95. Syntypes ♂ ♀; United Provinces: Chakrata division, Mandali, 6000 feet; FRI, Dehra Dun.
Distribution: Asia (Uttar Pradesh in India).
Hosts: *Quercus dilatata*.
Notes: (1) Schedl 1972f: 217 (to *Platypus*).
References: (ds) Beeson 1941 (1961: 266); Schedl 1972f: 217. (tx) Beeson 1937: 95–96; Schedl 1939c: 4, 1972f: 217.

- seydeli** (Nunberg) 1967: 326 (*Stenoplatypus*). Holotype ♂; Elisabethville [Congo]; MRCB, Tervuren. Figures: Nunberg 1967b: 339. Distribution: Africa (Zaire). References: (tx) Nunberg 1967b: 326, 338–339.
- shillongensis** Schedl 1969c: 66. Holotype ♂; India: Assam, Shillong, 6000 feet; FRI, Dehra Dun. Distribution: Asia (Assam in India, Malaya). Hosts: *Acer campbelli*, *Livistona jenkinsiana*. Notes: (1) None of the specimens borrowed from FRI by Schedl were ever returned to FRI; the type of this species is probably among the Schedl paratypes (SLW). (3) Beeson 1941: 345, 1961: 266 (*shillongensis*, nomen nudum, synonymy in Schedl 1969c: 66). References: (ds) Beeson 1941: 345, 1961: 266; Schedl 1972f: 189. (tx) Schedl 1969c: 66–67, 1972f: 189, 1978a: 66.
- shoreanus** (Beeson) 1937: 98 (*Crossotarsus*). Syntypes ♂ ♀; Assam: Lakhimpur division, Upper Dihing reserve; FRI, Dehra Dun. Distribution: Asia (Burma/ Cochin in China/ Assam in India/ Malaya/ Sri Lanka/ Vietnam), Indonesia (Borneo), New Guinea, Philippine Islands. Hosts: *Anisoptera cochinchinensis*, *A. polyandra*, *Balanocarpus heimii*, *Dipterocarpus zeylanicus*, *Doonia zeylanicus*, *Hopsea odorata*, *Shorea assamica*, *S. bracteolata*, *S. singkawang*, *Terminalia brassii*. Notes: (1) Schedl 1972f: 224 (to *Platypus*). (3) Schedl 1936d: 7 (*imitator*, nomen nudum, synonymy in Schedl 1972f: 224). References: (cn) Mathur & Singh 1960b: 57, 1961a: 37. (ds) Beeson 1941 (1961: 266); Mathur & Singh 1960b: 57, 1961a: 37; Ohno, Yoneyama, & Nakazawa 1987a: 96; Schedl 1969c: 66, 1972f: 224. (tx) Beeson 1937: 98–99; Schedl 1972f: 224, 1978a: 66; Wylie & Yule 1977.
- doonae** Beeson 1937: 99 (*Crossotarsus*). Syntypes ♂ ♀; Ceylon: S.A.B., Ratnapura, Mawagan-kanda, 500'; FRI, Dehra Dun, not found in 1981 by SLW. Notes: Schedl 1972: 224 (treated as a subspecies). References: (ds) Beeson 1941 (1961: 265); Schedl 1959a: 513. (tx) Beeson 1937: 99–100; Schedl 1959a: 513, 1972f: 224, 1978a: 26.
- bifurcus mutilus** Schedl 1939e: 359 (*Crossotarsus*). Lectotype ♂; Malaya, Selangor: Kepong; Schedl Collection in NHMW, Wien. Notes: (3) Schedl 1972f: 224 (treated as a subspecies), 1942a: 213 (described female). References: (an) Nakashima 1975: 6–8. (ec) Nakashima 1975: 6–8. (ds) Beeson 1941 (1961: 265); Browne 1961a: 314, 1966: 237; Nakashima 1975: 3; Nobuchi 1977: 117; Ohno, Yoneyama, & Nakazawa 1982b: 10; Schedl 1936d: 7, 1959c: 168, 1964i: 249, 1966g: 34, 1972a: 145, 1972f: 224. (tx) Nobuchi 1985: 329; Schedl 1939e: 359, 1942a: 207, 213, 1972f: 224, 1978a: 15; Wylie & Yule 1977.
- shoreanus tersus** Schedl 1972h: 71. Holotype ♂; Wara Sweet logging area, Kui, Morobe District, New Guinea; CSIRO, Canberra. References: (ds) Browne 1983a: 55; Schedl 1972f: 224, 1972h: 71.
- sicarius** Wood 1972b: 250. Holotype ♂; 10 km SE Miri, Barinas, Venezuela; Wood Collection. Distribution: South America (Venezuela). Hosts: *Pouteria anibaefolia*. References: (tx) Wood, S. L. 1972b: 250.
- signatus** Chapuis 1865: 235. Syntypes 3 ♂; de ile de Borneo, Sarawak; BMNH, London. Distribution: Asia (Burma/ India/ Malaya), Indonesia (Sarawak in Borneo, Java, Sumatra). Hosts: *Artocarpus lakoocha*, *Ctenolophon grandifolius*, *Endospermum malaccense*, *Gonystylus bancanus*, *Hevea brasiliensis*, *Kickxia arborea*, *Koompassia malaccensis*, *Lucuma malaccensis*, *Pometia tomentosa*, *Pouteria malaccensis*, *Psychotia viridiflora*, *Schima noronhai*, *Sterculia macrophylla*, *S. urceolata*, *Symplocos* sp., *Xylia dolabriformis*, *X. xylocarpa*. Notes: (3) Schedl 1942a: 208 (described female). References: (cn) Kalshoven 1924; Kleine 1932a: 310, 402; Mathur & Singh 1961a: 70, 1961b: 96; Roonwal 1954: 89; Yunus & Hua 1980: 217. (hb) Browne 1935a, 1941, 1961c: 196; Kalshoven 1960c: 34, 1960d: 34; Kleine 1932a: 310, 402; Mercer 1982: 210. (ds) Beeson 1941 (1961: 266); Browne 1935a, 1961c: 196, 1980c: 484; Gemminger & Harold 1872: 2700; Kalshoven 1924b: 358, 1960d: 34; Kleine 1932a: 310, 402; Mathur & Singh 1961a: 70, 1961b: 96; Mercer 1982: 210; Nobuchi 1977: 119; Roonwal 1954: 89; Sampson 1928b: 392; Schedl 1965g: 24, 1969a: 206, 1971f: 151, 1972f: 194; Strohmeier 1912c: 16, 1914c: 27; Yunus & Hua 1980: 217. (tx) Chapuis 1865: 235; Sampson 1913: 448, 1919: 106, 1928b: 392; Schedl 1937e: 544, 1939b: 398, 1939e: 337, 362–363, 1941c: 354, 1942a: 208, 1960c: 44, 1972f: 194, 1978a: 66; Strohmeier 1912c: 16, 1914c: 27.
- similis** (Nunberg) 1973: 26 (*Stenoplatypus*). Holotype ♂; Massif Ruwenzori, Zalonge, 2100 m, Riv. Nyamwamba, affl. Butahu; MRCB, Tervuren. Distribution: Africa (Zaire). References: (tx) Nunberg 1973: 26.
- simplificiformis** Wood 1966a: 57. Holotype ♂; Tapanti, Cartago Prov., Costa Rica, 4000 feet; Wood Collection. Distribution: North America (Costa Rica). Hosts: *Phoebe mexicana*. References: (ds) Equihua & Atkinson 1987: 29; Schedl 1972f: 206. (tx) Equihua & Atkinson 1987: 29; Schedl 1972f: 206; Wood, S. L. 1966a: 52, 57.
- simulans** Schedl 1941d: 413. Holotype ♂; Syr. [Syrien]; Schedl Collection in NHMW, Wien. Distribution: Asia (Syria/ Turkey).

Hosts: *Alnus* sp., *Liquidambar orientalis*.

References: (ds) Schedl 1961b: 185, 1972f: 191. (tx) Schedl 1941d: 413, 1961b: 186–187, 1972f: 191, 1978a: 66.

sindorae Browne 1980c: 488. Holotype ♂; Singapore to Nagoya (Japan), imported; BMNH, London.

Distribution: Asia (Malaya).

Hosts: *Sinodora* sp.

References: (tx) Browne 1980c: 488.

sinensis Schedl 1941a: 43. Holotype ♀; Fukien, Kuatun, 2300 m; Museum Alexander Koenig, Bonn.

Figures: Schedl 1941a: 44.

Distribution: Asia (Fujian in China).

Notes: (1) Schedl 1978a: 67 (Lectotype designation invalid; the designation should have been a lectoallotype because a holotype already existed).

References: (ds) Schedl 1972f: 192. (tx) McNamara 1984: 750; Schedl 1941a: 43, 1953e: 22, 26, 1972f: 192, 1978a: 67.

singalangensis Schedl 1936e: 53. Syntypes ♂: Sumatra, Mte. Singalang; MCG, Genova, and Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Sumatra).

Notes: (1) Schedl 1978a: 67 (citation of holotype invalid).

References: (ds) Schedl 1972f: 193. (tx) Schedl 1936e: 53–54, 1972f: 193, 1978a: 67.

singularis Schedl 1975f: 394. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 394.

sinuosus Chapuis 1865: 198. Holotype ♂; de Varinas [now Barinas, Venezuela]; presumably Stettin Museum, lost (Schedl 1960c: 34).

Distribution: South America (Venezuela).

References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Schedl 1972f: 234; Strohmeier 1912c: 13, 1914c: 25. (tx) Chapuis 1865: 198; Schedl 1960c: 34, 1972f: 234; Strohmeier 1912c: 13, 1914c: 25.

sirambeensis Schedl 1936e: 59. Syntypes ♂; Sumatra, Si-Rambe; MCG, Genova, and Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Sumatra).

Notes: (1) Schedl 1978a: 67 (citation of holotype invalid).

References: (ds) Schedl 1972f: 227. (tx) Schedl 1936e: 59, 1964g: 253, 1972f: 227, 1978a: 67.

sobrinus Schedl 1935h: 353. Syntypes ♂ ♀; Guatemala; Schedl Collection in NHMW, Wien.

Distribution: North America (Guatemala).

Notes: (1) Schedl 1978a: 67 (citation of holotype invalid).

References: (ds) Blackwelder 1947: 790; Equihua & Atkinson 1987: 29; Schedl 1972f: 241. (tx) Equihua & Atkinson 1987: 29; Schedl 1935h: 353, 1972f: 241, 1978a: 67.

solicitatus Schedl 1975f: 395. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 395.

solidulus Browne 1980: 496. Holotype ♂; Palembang (Sumatra) to Nagoya (Japan), imported; BMNH, London.

Distribution: Indonesia (Sumatra).

References: (ds) Ohno, Yoneyama, & Nakazawa 1982b: 10. (tx) Browne 1980: 496.

solidus Walker 1859: 261. Holotype ♂; Ceylon; BMNH, London.

Figures: Nakashima 1975: 38–41, Nobuchi 1967: pl. 2, 1973b: pl. 2, Wood 1960a: 9.

Distribution: Asia (Burma/ Andaman Islands, Assam, Bengal, Bihar, Karnataka, Orissa, Tamil Nadu in India/ Israel/ Japan/ Korea/ Malaya/ Nepal/ Pakistan/ Singapore/ Sri Lanka/ Taiwan/ Vietnam), Admiralty Islands, Australia (Queensland), Indonesia (Aru, Borneo, Celebes, Damma, Java, Malacca, Sumatra), Micronesia (Caroline Islands, Mariana Islands), New Guinea, Philippine Islands, Solomon Islands.

Hosts: *Acacia catechii*, *Acacia decurrens*, *Acrocarpus fraxinifolia*, *Adina* spp., *Azela palembanica*, *Albizia* spp., *Anisoptera* sp., *Anogeissus latifolia*, *Anthocephalus cadamba*, *Artocarpus* spp., *Bombax malabaricum*, *Buchanania* spp., *Butea* spp., *Canarium strictum*, *Carallia suffruticosa*, *Carpinus laxiflora*, *Castanopsis tribuloides*, *Ceratonia siliqua*, *Chloroxylon swietenia*, *Cinnamomum* spp., *Cocos nucifera*, *Cullenia excelsa*, *Dalbergia latifolia*, *D. sissoo*, *Dipterocarpus pilosus*, *Dolichandrone stipulata*, *Drimycarpus racemosus*, *Dryobalanops oblongifolia*, *Duabanga sonneratioides*, *Elatерiospermum tapos*, *Eugenia* sp., *Ficus* spp., *Garuga pinnata*, *Gmelina arborea*, *Hevea brasiliensis*, *Holoptelea integrifolia*, *Lannea grandis*, *Litsea polyantha*, *Mallotus albus*, *Mangifera indica*, *Nauclea sessilifolia*, *Odina wodier*, *Palaquium* sp., *Pterocarpus dalbergioides*, *Pterospermum acerifolium*, *Salmalia malabarica*, *Schleichera oleosa*, *S. trijuga*, *Schima noronhae*, *S. wallichii*, *Semecarpus heterophylla*, *Shorea leprosula*, *S. robusta*, *Sterculia campanulata*, *S. villosa*, *Stereospermum chelenoides*, *Styrax benzoïn*, *Swintonia floribunda*, *Syzgium cumini*, *Talauma gioi*, *Tamarindus indica*, *Tectona grandis*, *Terminalia bellerica*, *T. tomentosa*, *Tetrameles nudiflora*.

Notes: (3) Schedl 1937d: 40 (*walkeri*, nomen nudum, synonymy in Schedl 1959a: 513).

- References: **(ay)** Kempers 1932: 69; Nakashima 1975: 5. **(bv)** Beeson 1917; Gray, B. 1974b. **(cn)** Beeson 1915, 1916: 1–5, 1938a; Browne 1938b: 77–86; Chatterjee et al. 1923, 1950; Gray, B. & Wylie 1974; Green 1912a: 2–5, 1916: 608–636; Ishikura 1966; Kalshoven 1924, 1925c: 1, 1960d: 48; Kleine 1932a: 310, 402; Leefmans 1920: 1–90; MacKenzie 1922: 1–14; Mathur & Singh 1960a: 39, 1960b: 6, 1961a: 13, 1961b: 13; Mesa 1931: 18; Ranawera 1959: 78; Roonwal 1954: 18; Roonwal, Chatterjee, & Thapa 1961b: 7; Rutgers 1918: 1–44; Speyer 1923: 11–23; Stebbing 1914: 624; Tarumking & Tantra 1971; Tryon 1917: 49–63; Wylie & Shanahan 1975. **(ec)** Beeson 1921b: 24, 1923; Bhatia 1950; Browne 1958b; Chatterjee & Chatterjee 1951; Halperin & Holzschuh 1984: 29; Mathew 1985; Nakashima 1975: 5; Stebbing 1914: 624. **(hb)** Beeson 1916a: 222, 1917, 1923, 1938a; Browne 1935a, 1941, 1958b, 1961c: 207–209; Chatterjee & Chatterjee 1951; Chatterjee et al. 1950; Gray, B. 1968: 308, 1974b; Gray, B. & Wylie 1974; Halperin & Holzschuh 1984: 29; Kalshoven 1959a: 224–226, 1960c: 39, 1960d: 1; Kleine 1932a: 310, 402; Murayama 1931b: 196; Speyer 1923: 22; Stebbing 1914: 624; Wylie & Shanahan 1975. **(ds)** Beaver & Browne 1975: 308, 1978: 620; Beeson 1916a, 1921b, 1923, 1938a, 1941 (1961: 266); Bhasin, Roonwal, & Singh 1958; Bhatia 1950; Blandford 1895a; Browne 1935a, 1961c: 207, 1966: 235, 1980d: 492, 1984c: 450; Chapuis 1865; Chatterjee & Chatterjee 1951; Chatterjee et al. 1950: 37; Cho 1957; Choo 1983: 33; Choo & Woo 1985: 163; Choo, Woo, & Kim 1981: 203; Gemminger & Harold 1872: 2700; Gray, B. 1968: 308; Green 1912a; Halperin 1976b; Halperin & Holzschuh 1984: 29; Ishikura 1966; Kalshoven 1924b: 358, 1925c: 1, 1960d: 48; Kleine 1932a: 310, 402; Ko 1969: 274; Lacordaire 1866: 392; Mathew 1982, 1987: 188; Mathur & Singh 1960a: 39, 1960b: 6, 1961a: 13, 1961b: 13; Mesa 1935: 96; Miwa 1931: 266; Murayama 1925a: 213, 1929a: 672, 1929b: 2, 1930b: 23, 1931b: 196, 1936b: 113, 1937b: 375, 1937c: 579, 1954b: 205, 1957a: 37; Nakashima 1975: 3; Nobuchi 1967: 27, 1973b: 16, 1977: 129; Nunberg 1960b: 161, 1961b: 624; Ohno, Yoneyama, & Nakazawa 1982b: 11, 1987a: 96, 1987b: 90; Ohno, Yoshioka, et al. 1988b: 98, 1989: 67; Roonwal 1954: 18; Roonwal, Chatterjee, & Thapa 1961b: 7; Sampson 1919: 106, 1926: 120; Schedl 1936d: 7, 1936g: 514, 1938g: 423, 1959a: 513, 1961c: 70–71, 1962b: 187, 1962f: 167, 1962i: 75, 1964d: 213, 1965a: 340, 1965g: 23–25, 1966b: 99, 1966g: 34, 1968e: 264, 1971a: 278, 1971c: 368, 1971f: 151, 1972a: 145, 1973b: 212, 1974c: 262, 1975a: 453, 1975e: 453, 1978e: 37; Strohmeier 1912c: 17, 1914c: 27; Wood, S. L. 1960a: 7. **(tx)** Chapuis 1865: 267; Choo 1983: 33; Gardiner 1932b; Green 1912a; Kalshoven 1959a: 224; Lacordaire 1866: 392; Lea 1910: 135; Motschulsky 1863; Murayama 1925a: 213, 1925b: 235, 1930b: 23, 27–28, 31, 1937b: 375, 1950d: 98, 1954b: 205; Nakashima 1975: 38–41; Nobuchi 1967: pl. 2, 1973b: 16, pl. 2, 1985: 329; Sampson 1919: 106; Schedl 1934f: 1647, 1936e: 55–56, 1937d: 40, 1939b: 398, 1939e: 336, 1941e: 156, 1942a: 172, 199, 1942b: 147, 1942c: 164, 1951i: 96, 1953b: 124, 128, 147, 1954a: 145, 1955b: 282–283, 310, 1959a: 513, 1960c: 50, 1969b: 233; Stebbing 1914: 624; Strohmeier 1912c: 17, 1912d: 42, 1914c: 27; Walker 1859: 261; Wood, S. L. 1960a: 7–9, 1969c: 120; Wylie & Yule 1977.
- caudatus* Motschulsky 1863: 509. Syntypes 6 ♂; Nura-Ellia, specimens labeled India oriental; IZM, Moscow. Synonymy: Schedl 1959a: 513, Wood 1969c: 120.
- References: **(ds)** Gemminger & Harold 1872: 2698. **(tx)** Motschulsky 1863: 509; Nunberg 1959c: 168, 1961b: 624; Schedl 1959a: 513, 1960h: 110, 1972f: 199; Wood, S. L. 1969c: 120.
- cordatus* Motschulsky 1863: 510. Syntypes 4 ♀; Des Montagnes de Nura-Ellia, syntypes labeled India oriental; IZM, Moscow. Synonymy: Wood 1969c: 120.
- References: **(hb)** Speyer 1923: 23. **(ds)** Gemminger & Harold 1872: 2698; Schedl 1972f: 242; Strohmeier 1912c: 19, 1914c: 28. **(tx)** Motschulsky 1863: 510; Schedl 1972f: 242; Strohmeier 1912c: 19, 1914c: 28; Wood, S. L. 1969c: 120.
- pilifrons* Chapuis 1865: 265. Syntypes 4 ♀; Du continent et de l'Archipel indiens; BMNH, London (Schedl 1960c: 50). Synonymy: Strohmeier 1912d: 42.
- References: **(bv)** Beeson 1917. **(cn)** Kalshoven 1925c: 1; Kleine 1932a: 310, 402; Mathur & Singh 1961a: 45. **(hb)** Beeson 1916a: 223, 1917; Kleine 1932a: 310, 402. **(ds)** Beeson 1916a: 223; Gemminger & Harold 1872: 2699; Kalshoven 1925c: 1; Kleine 1932a: 310, 402; Lefroy & Hawlett 1909: 395; Mathur & Singh 1961a: 45; Sampson 1919: 106, 1926: 120; Strohmeier 1912c: 17. **(tx)** Beeson 1921: 24; Chapuis 1865: 265; Murayama 1930: 28; Sampson 1919: 106; Schedl 1959a: 513, 1960c: 50, 1972f: 199; Strohmeier 1912c: 17, 1912d: 42; Wood, S. L. 1960a: 8.
- solidus exilis* Chapuis 1865: 268. Syntypes, sex?; Iles Celebes et specialement aux environs de Macassar; BMNH, London.
- Notes: (3) Schedl 1972f: 199 (treated as a subspecies). An apparent aberration.
- References: **(ds)** Schedl 1972f: 199. **(tx)** Chapuis 1865: 268; Schedl 1933e: 105, 1972f: 199.
- solidus obtusus* Chapuis 1865: 268. Syntypes, sex?; Ceylan; BMNH, London, preoccupied by Chapuis 1865: 265.

- Notes: (3) Schedl 1972f: 199 (treated as a subspecies). An apparent aberration.
References: (tx) Chapuis 1865: 265; Schedl 1972f: 199.
- solidus rudis* Chapuis 1865: 268. Syntypes, sex?; lles de Baichian et de Marty dans les Molucques; BMNH, London.
Notes: (3) Schedl 1972f: 199 (treated as a subspecies). It is an apparent aberration.
References: (ds) Schedl 1972f: 199. (tx) Chapuis 1865: 268; Schedl 1972f: 199.
- solomonicus* Browne 1984b: 291. Holotype ♂; Ringi Cove (Solomon Islands) to Nagoya (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
Hosts: *Neonauclea* sp.
References: (ds) Ohno, Yoshioka, et al. 1988b: 97–98, 1989: 67. (tx) Browne 1984b: 291.
- solutus* Schedl 1933f: 193. Lectotype ♂; Haut-Uele; Moto, Avakubi, Equateur; Boende, Haut-Uele; Abimva, Koteli, Sankuru, Kindu, Likimi, Ituri; Mahagi, Avakubi; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 67. Figures: Schedl 1962k: 600.
Distribution: Africa (Angola/ Cameroon/ Congo/ Equatorial Guinea/ Kenya/ Malawi/ Mozambique/ Nigeria/ Sierra Leone/ Somalia/ South Africa/ Tanzania/ Zaire/ Zambia), Madagascar.
Hosts: Many listed in Schedl 1962k: 632–634. *Ficus sycomorus*, *Melia azedarach*.
References: (cn) Halperin & Menier 1981; Mayne & Donis 1951: 337; Tordo 1957: 8. (ec) Mayne & Donis 1951: 337; Schedl 1962k: 629. (hb) Schedl 1962k: 629. (ds) Browne 1975a: 757; Ferreira 1965: 1130; Lee 1971: 30; Mayne & Donis 1960: 100, 1962: 287; Menier 1981; Roberts 1968: 188, 1969: 119; Schedl 1934a: 247, 1935d: 452, 1943c: 70, 1959p: 22, 1962k: 629, 1964f: 619, 1965e: 357, 1966c: 230, 1971e: 4, 1971g: 196, 1972f: 234, 1972k: 296, 1975: 279; Spahr 1981: 80. (tx) Powell, W. 1987: 28; Schedl 1933f: 193, 1934a: 247, 1937d: 39, 1939a: 468, 1941d: 381, 1941e: 155, 1948d: 42, 1950d: 4, 11, 14, 1952g: 54, 1952j: 5, 1953g: 243, 1955c: 31, 1955f: 260, 1962k: 600, 629, 1972f: 234, 1978a: 67.
- flavicornis* Dalman 1825: 381, 404–405. Syntypes, sex?; Sierra Leone Africes; not located, preoccupied by Fabricius 1776. Synonymy: Schedl 1972f: 234.
References: (tx) Dalman 1825: 381, 404–405; Schedl 1972f: 234.
- spectabilis* Schedl 1935b: 396. Holotype ♀; Philippine Islands; Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands.
Hosts: *Dipterocarpus grandiflorus*.
References: (ds) Schedl 1938g: 424, 1966b: 100, 1972f: 192. (tx) Nobuchi 1985: 329; Schedl 1935b: 395–397, 1941a: 43, 1941c: 360, 1972f: 192, 1978a: 68.
- spectus* Wood 1972b: 247. Holotype ♂; Rancho Grande in Pittier National Park, Aragua, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
References: (tx) Wood, S. L. 1972b: 247.
- spiculatus* Browne 1972b: 30. Holotype ♂; Malaya; Sungei Buloh; BMNH, London.
Distribution: Asia (Malaya).
References: (ds) Browne 1986c: 663; Ohno, Yoshioka, et al. 1989: 67. (tx) Browne 1972b: 30.
- spiniventris* Schedl 1969b: 232. Holotype ♂; New Guinea; Kum, 11 miles from Mt. Hagen; CSIRO, Canberra.
Distribution: New Guinea.
Notes: (3) Roberts 1989: 283 (described female).
References: (ds) Schedl 1972f: 227. (tx) Schedl 1969b: 232–233, 1972f: 227, 1978a: 68.
- spinusus* Browne 1981a: 135. Holotype ♂; Way Semangka (Sumatra) to Sakaide (Japan), imported; BMNH, London.
Distribution: Indonesia (Sumatra).
Hosts: *Dipterocarpus* sp.
References: (ds) Mayne & Donis 1960: 98, 1962: 276. (tx) Browne 1981a: 135.
- spinulosus* (Strohmeyer) 1912: 80 (*Stenoplatypus*). Syntypes ♂ ♀; Kamerun, Deutsch-Ostafrika und Franzosisch-Kongo; MNB, Berlin, Hamburg Museum, lost, Strohmeyer Collection.
Figures: Schedl 1962k: 646, 1972f: 214.
Distribution: Africa (Cameroon/ Congo/ Gabon/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaire/ Zimbabwe).
Hosts: Schedl 1962k: 646–647 listed 21 host species.
References: (ay) Strohmeyer 1918: 42. (ec) Jover 1952: 73–81; Schedl 1962k: 644. (hb) Browne 1963a: 252; Jones, Roberts, & Baker 1959: 13–14; Jover 1952: 73–81; Schedl 1962k: 644; Webb & Jones 1957: 37, 41. (ds) Browne 1963a: 252; Gardner 1957a: 29; Mayne & Donis 1960: 100, 1962: 288; Numborg 1952: 22, 1965b: 22; Roberts 1968: 189, 1969: 119; Schedl 1961m: 85, 1962h: 63, 1962k: 644, 1967e: 221, 1971e: 4, 1972e: 284, 1972f: 216, 1982: 279; Strohmeyer 1911a: 182, 1912c: 6, 1914c: 36. (tx) Numborg 1952: 22; Powell, W. 1987: 28; Schedl 1937d: 42, 1939b: 398, 1941c: 361, 1950d: 19, 1950e: 212, 1954d: 874, 1957d: 118, 120, 1962k: 644, 646, 1108, 1972f: 216; Strohmeyer 1911a: 182, 1912c: 6, 1912f: 80–82, 85, 1914c: 35–36.
- spinulosus montivagus* Roberts 1970a: 77. Holotype ♂; Nigeria; Ngel Nyaki Forest Reserve, 1650 m, Mambilla Plateau; BMNH, London.
References: (tx) Roberts 1970a: 77.
- squameus* Schedl 1942a: 200. Holotype ♂; Tenasserim; Schedl Collection in NHMW, Wien.
Distribution: Asia (Burma/ Thailand), Indonesia (Borneo, Sumatra).
References: (ds) Beaver & Browne 1975: 309;

- Browne 1972b: 29; Schedl 1964c: 304, 1972f: 183. (tx) Schedl 1942a: 200, 1972f: 183, 1978a: 68.
- squamifer** Schedl 1963d: 233. Holotype ♀; Brasilien: Sao Paulo; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Schedl 1972f: 219. (tx) Schedl 1963d: 233, 1972f: 219, 1978a: 68.
- stenoplicatus** Schedl 1939c: 3. Lectotype ♂; N.E. Burma, Kambaiti, 7000 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 69.
Distribution: Asia (Burma, Fujian in China).
References: (ds) Schedl 1972f: 219. (tx) Schedl 1939c: 3, 1955h: 46, 1972f: 219, 1978a: 69.
- strenuus** Schedl 1969b: 233. Holotype ♂; New Guinea: Togoba [Western Highlands District]; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Anisoptera polyandra*, *Cinnamomum* sp., *Eucalyptus grandis*.
Notes: (3) Schedl 1973i: 96 (described female).
References: (ds) Schedl 1972f: 199. (tx) Schedl 1969b: 233, 1972f: 199, 1973i: 96, 1978a: 69.
- striatodeclivis** Schedl 1975f: 396. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 396.
- striatopennis** Schedl 1952a: 463. Syntypes 2 ♂; Argentina, Misiones, Departamento Concepcion Santa Maria; Viana Collection, and Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina).
Notes: (1) Schedl 1978a: 69 (citation of holotype invalid).
References: (ds) Schedl 1972f: 218. (tx) Schedl 1952a: 463, 1972f: 218, 1978a: 69.
- striatopunctatus** Schedl 1942a: 210. Holotype ♀; Borneo; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 201. (tx) Schedl 1942a: 210, 1972f: 201, 1978a: 69.
- striatus** Chapuis 1865: 270. Holotype ♂; du Bresil; BMNH, London (Schedl 1960c: 51).
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947; Gemminger & Harold 1872: 2700; Schedl 1972f: 234; Stroh-meyer 1912c: 17, 1914c: 27. (tx) Chapuis 1865: 270; Schedl 1960c: 51; Stroh-meyer 1912c: 17, 1914c: 27.
- strigillatus** Schedl 1941c: 359. Syntypes ♂; Java, Mount Gede, 800 m; Kalshoven Collection, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java).
Hosts: *Castanea javanica*.
Notes: (1) Schedl 1978a: 69 (citation of holotype invalid).
References: (hb) Kalshoven 1960c: 41. (ds) Kalshoven 1960c: 41; Schedl 1972f: 195. (tx) Schedl 1941c: 359–360, 1954a: 145, 158, 1972f: 195, 1978a: 69.
- suavifer** Schedl 1970e: 109. Holotype ♂; Brasilien, Amazonas, Sierra Neblina, M. Rio Cauaburi, 1000 m; Zoologischen Sammlungen des Bayrischen Staates, Munchen.
Distribution: South America (Brazil).
References: (ds) Schedl 1970e: 87, 1972f: 241. (tx) Schedl 1970e: 87, 109–110, 1972f: 241.
- subaequalispinosus** Schedl 1936i: 100. Holotype ♂; Bolivien; Schedl Collection in NHMW, Wien.
Figures: Schedl 1972f: 225.
Distribution: South America (Bolivia/ Peru).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 225. (tx) Schedl 1936i: 100, 1958c: 1–2, 1972f: 225, 1978a: 69.
- subangustior** Schedl 1942a: 207. Lectotype ♀; Malaya, Kuala Lumpur; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 69.
Distribution: Asia (Malaya).
Hosts: *Albizzia falcata*, *A. moluccana*.
References: (ds) Browne 1961c: 220; Schedl 1972f: 201. (tx) Schedl 1942a: 207, 1972f: 201, 1978a: 69.
- subcuratus** Browne 1983a: 563. Holotype ♂; Tg. Usau (West Irian) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: Watergum log.
References: (ds) Browne 1986c: 663; Ohno, Yoneyama, & Nakazawa 1987a: 96. (tx) Browne 1983a: 563.
- subdepressus** (Schedl) 1935b: 397 (*Crossotarsus*). Syntypes ♂ ♀; Mount Maquiling, Laguna Province, and Quezon Park, Tayabas Province, Luzon, Philippine Islands; F. C. Hadden Collection, and Schedl Collection in NHMW, Wien.
Distribution: Asia (Assam in India/ Malaya), Indonesia (Borneo, Sumatra), Philippine Islands (Luzon).
Hosts: *Dipterocarpus pilosus*, *Ehretia acuminata*, *Meliosma simplicifolia*.
Notes: (1) Schedl 1978a: 70 (citation of holotype invalid).
References: (ds) Browne 1981b: 598, 1984c: 151; Nobuchi 1977: 129; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1934a: 247, 1962f: 167, 1966b: 88, 1966g: 34, 1972f: 202. (tx) Nobuchi 1985: 329; Schedl 1934a: 247, 1935b: 397–398, 1935k: 481, 1937d: 34, 1939b: 394, 398, 1962f: 167, 1969c: 64, 1972f: 202, 1978a: 70.
- sandakanus** Beeson 1937: 64 (*Crossotarsus*). Holotype ♂; Borneo: Sandakan, Baker; BMNH, London. Synonymy: Schedl 1939e: 333.
Notes: (1) Schedl 1972f: 202 (to *Platypus*).
References: (tx) Beeson 1937: 64–65; Schedl 1939e: 333, 1972f: 202.
- latelunatus** Beeson 1937: 66 (*Crossotarsus*).

Holotype ♂: Assam: Sibsagar division, Central Range, Nakachari; FRI, Dehra Dun. Synonymy: Schedl 1972f: 202.

References: (cn) Sen-Sarma & Thakur 1986: 37. (ds) Beeson 1941 (1961: 254); Browne 1961a: 314. (tx) Beeson 1937: 66–67; Browne 1962e: 654; Schedl 1972f: 202.

subgranosus Schedl 1936g: 516. Lectotype ♂; Tasmania: Waratah and Queensland: Dividing Range V.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 70.

Figures: Britton 1970: 621, Neumann & Harris 1974: 134

Distribution: Australia (Queensland, Tasmania).

Hosts: *Brachychiton acerifolium*, *B. populneum*, *Eucalyptus maculata*, *Nothofagus cunninghamii*, *Pterocymbium beccarii*, *Scolopia brownii*.

References: (bv) Elliott, H. J., Madden, & Bashford 1983; Elliott, H. J. et al. 1987. (cn) Brimblecombe 1951; Fisher 1952a; Fisher, Thompson, & Webb 1953; Kile, Elliot, & French 1976; Neumann & Harris 1974; Neumann & Marks 1976. (ec) Batra 1963a; Elliott, H. J. et al. 1987; Kile 1987; Kile & Hall 1988; Neumann & Harris 1974; Slaby 1947: 378; Webb 1945: 57. (hb) Brimblecombe 1951; Elliott & Little 19..: 49, 65; Fisher 1952a; Neumann & Harris 1974; Neumann & Marks 1976. (ds) Hogan 1948: 373; Schedl 1959d: 67–68, 1972f: 185, 1979a: 160. (tx) Britton 1970: 621; Carne et al. 1980; Neumann & Harris 1974: 134; Schedl 1936g: 516–517, 1941e: 155, 1942c: 164, 1958i: 214.

subgranulosa Browne 1985a: 194. Holotype ♂; Lawas (Sarawak) to Nagoya (Japan), imported; BMNH, London.

Distribution: Indonesia (Sarawak in Borneo).

References: (tx) Browne 1985a: 194.

subitarius Schedl 1936c: 241. Holotype ♂; Brazil, Rio de Janeiro; Schedl Collection in NHMW, Wien.

Figures: Reichardt 1964b: 87.

Distribution: North America (Costa Rica), South America (Argentina/ Brazil).

References: (ds) Blackwelder 1947: 790; Equihua & Atkinson 1987: 29; Nunberg 1963c: 107, 1964a: 237; Schedl 1966f: 94, 1967d: 5, 1970e: 87, 1972f: 218, 1973d: 163, 1976a: 58, 1979e: 58. (tx) Equihua & Atkinson 1987: 29; Reichardt 1964b: 87–89; Schedl 1936c: 241, 1948f: 283, 1972f: 218, 1978a: 70.

perdifficilis Schedl 1936c: 245. Holotype ♂; Rio Grande do Sul [Brazil]; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1948f: 283. References: (ds) Blackwelder 1947: 790. (tx) Schedl 1936c: 240, 245, 1948f: 283, 1972f: 218, 1978a: 53.

subnitens Browne 1983: 571. Holotype ♂; Lever Harbour (Solomon Islands) to Nagoya (Japan), imported; BMNH, London.

Distribution: Solomon Islands.

References: (ds) Ohno, Yoshioka, et al. 1988b: 98. (tx) Browne 1983a: 571.

suboblitaratus Schedl 1940c: 204. Syntypes ♂; Costa Rica, Turrialba, 800 m and San Jose, 1000–1200 m; Nevermann Collection and Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica).

Notes: (1) Schedl 1978a: 71 (citation of holotype invalid).

References: (ds) Equihua & Atkinson 1987: 29; Schedl 1972f: 241. (tx) Equihua & Atkinson 1987: 29; Schedl 1940c: 204, 1972f: 241, 1978a: 71.

subplicatus Schedl 1962b: 193. Holotype ♂; Indochina: Reg. de Hoa-Binh; MNHN, Paris.

Distribution: Asia (Tonkin Island in Vietnam, also Vietnam).

References: (ds) Schedl 1972f: 191. (tx) Schedl 1962b: 193, 1964c: 300, 1972f: 191, 1978a: 71.

subpraeteritus Schedl 1975g: 231. Holotype ♂; Papua, Porotop, Luth. Miss. Sawmill; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975g: 231, 1978a: 71.

subpronus Schedl 1969b: 233. Holotype ♂; New Guinea: Watut Valley 1200 m, Morobe District; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Aglaia* sp.

Notes: (3) Schedl 1975f: 396 (described female). References: (ds) Schedl 1972f: 201. (tx) Schedl 1969b: 233–234, 1972f: 201, 1975f: 396, 1978a: 71.

subsecretus Browne 1964: 755. Holotype ♂; Burma: Ruby Mines; BMNH, London.

Distribution: Asia (Burma).

References: (ds) Schedl 1972f: 191. (tx) Browne 1964: 755; Schedl 1972f: 191.

subsidarius Schedl 1935j: 2. Holotype ♂; Sumatra, Medan; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Sumatra).

Notes: (1) Schedl 1972f: 202 (to *Platypus*).

References: (ds) Schedl 1972f: 202. (tx) Schedl 1935j: 2, 1972f: 202, 1978a: 71.

subsimilis Schedl 1936e: 54. Lectotype ♂; Mentawai, Si-Matobe and Sumatra: Siboga; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 71.

Distribution: Asia (Malaya), Indonesia (Mentawai, Sumatra).

Hosts: *Albizzia falcata*, *A. moluccana*.

References: (ds) Beeson 1941 (1961: 267); Browne 1961c: 195; Schedl 1961c: 70, 1972f: 192. (tx) Schedl 1936e: 54, 1939b: 394, 1939e: 336, 1972f: 192, 1978a: 71.

substriatus (Schedl) 1936j: 33 (*Crossotarsus*). Lectotype ♂; Malay Peninsula, Pahang; Cameron Highlands, 4500–4800 feet; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 71.

- Distribution: Asia (Malaya), Indonesia (Sumatra).
 Hosts: *Cinnamomum camphora*.
 Notes: (1) Schedl 1972f: 202 (to *Platypus*).
 References: (hb) Kalshoven 1960c: 41. (ds) Kalshoven 1960c: 41; Schedl 1965g: 23 (as *substrictus*), 1972f: 201–202. (tx) Schedl 1936j: 33, 1972f: 201–202, 1978a: 71.
- subsulcatus** Chapuis 1865: 140. Syntypes 3 ♂; de Cayenne; IRSNB, Brussels (Schedl 1960c: 20).
 Distribution: South America (Brazil/ Cayenne/ Venezuela).
 References: (ds) Blackwelder 1947: 790; Dejean 1837; Gemminger & Harold 1872: 2700; Schedl 1960a: 78, 1972f: 241, 1972g: 51, 1976a: 58. (tx) Chapuis 1865: 140; Schedl 1933c: 167, 1935e: 176, 1936c: 226, 1952a: 444, 1960c: 20, 1972f: 241; Strohmeier 1912c: 9, 1914c: 24.
- subtruncatus** Browne 1980d: 498. Holotype ♂; Wallace Bay (Borneo) to Nagoya (Japan), imported; BMNH, London.
 Distribution: Indonesia (Borneo).
 Hosts: *Nauclea* sp., *Shorea* sp.
 References: (tx) Browne 1980d: 498.
- suffodiens** Sampson 1913: 447. Syntypes ♂ ♀; Lower Burma; BMNH, London.
 Distribution: Asia (Bangladesh/ Burma/ Bengal, Tamil Nadu in India/ Malaya), Indonesia (Borneo, Java), Philippine Islands.
 Hosts: *Adina* spp., *Anthocephalus cadamba*, *Fagraea gigantea*, *Hymenodictyon excelsum*, *Nauclea sessilifolia*, *Pithecolobium saman*, *Samanea saman*, *Vateria indica*.
 References: (cn) Corbett 1935: 43–56; Kleine 1932a: 310, 402; Mathur & Singh 1960b: 61, 1961a: 17, 1961b: 69; Roonwal 1954: 36; Stebbing 1914: 621. (ec) Beeson 1921b: 25; Stebbing 1914: 621. (hb) Browne 1961c: 197–198; Kalshoven 1960d: 35; Kleine 1932a: 310, 402; Stebbing 1914: 621. (ds) Beeson 1921b: 25, 1941 (1961: 267); Browne 1961c: 197–198, 1980a: 372, 1980c: 483, 1981b: 599; Kalshoven 1960d: 35; Kleine 1932a: 310, 402; Mathur & Singh 1960b: 61, 1961a: 17, 1961b: 69; Ohno, Yoneyama, & Nakazawa 1982a: 5, 1987a: 96, 1987b: 90; Roonwal 1954: 36; Sampson 1919: 107, 1928b: 392; Schedl 1962f: 168, 1972f: 193; Strohmeier 1914c: 27. (tx) Sampson 1913: 447–448, 1919: 107, 1928b: 392; Schedl 1939e: 336–360, 1941c: 354, 1942a: 209, 1972f: 193; Stebbing 1914: 621; Strohmeier 1914c: 27.
- sulcaticeps** Schedl 1979g: 118. Holotype ♂; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.
 Distribution: New Guinea.
 References: (tx) Schedl 1979g: 118.
- sulcinodis** Schedl 1975f: 397. Holotype ♂; Mt. Kaindi, 2250 m, Morobe District; Schedl Collection in NHMW, Wien.
 Distribution: New Guinea.
- Hosts: *Castanopsis accuminatissima*, *Dysoxylum* sp.
 References: (tx) Schedl 1975f: 397.
- sulcipennis** Schedl 1976a: 91. Holotype ♂; Brasilien; Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil).
 References: (tx) Schedl 1976a: 91.
- suzukii** Browne 1981b: 605. Holotype ♂; Lawas (Sarawak, Borneo) to Tokyo (Japan), imported; BMNH, London.
 Distribution: Indonesia (Sarawak in Borneo).
 Hosts: *Shorea* sp.
 References: (tx) Browne 1981b: 605.
- taiheizanensis** (Murayama) 1932: 485 (*Crossotarsus*). Holotype ♂; Formosa: Taiheizan; Murayama Collection in USNM, Washington.
 Distribution: Asia (Taiwan).
 Hosts: *Castanopsis kawakamii*.
 Notes: (1) Schedl 1935b: 401 (to *Platypus*).
 References: (ds) Murayama 1937c: 580; Nobuchi 1967: 25; Schedl 1972f: 220. (tx) Murayama 1932: 485–486; Schedl 1935b: 401, 1939c: 4, 1941a: 44, 1972f: 220.
- takeharai** Browne 1983a: 563. Holotype ♂; Tg. Usau (West Irian) to Nagoya (Japan), imported; BMNH, London.
 Distribution: New Guinea.
 Hosts: "Matoa" log.
 References: (tx) Browne 1983a: 563.
- tasmanicus** Schedl 1942c: 192. Holotype ♂; Tasmanien; Schedl Collection in NHMW, Wien.
 Distribution: Australia (Tasmania).
 References: (ds) Schedl 1972f: 185. (tx) Schedl 1942c: 192, 1972f: 185, 1978a: 72.
- tayabasi** Schedl 1935k: 481. Holotype ♂; Luzon, Tayabas Province, Quezon Park; Schedl Collection in NHMW, Wien.
 Distribution: Asia (Andaman Islands in India/ Taiwan), Philippine Islands (Luzon, Mindanao).
 Hosts: Matoa log.
 References: (ds) Browne 1980d: 493; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1966b: 101, 1972f: 202. (tx) Beeson 1937: 65; Nobuchi 1985: 329; Schedl 1935k: 481, 1972f: 202, 1972p: 159, 1978a: 72.
- lunatus** Browne 1964: 757. Holotype ♂; Philippines: Iligan, Mindanao; BMNH, London.
 Synonymy: Schedl 1972f: 202.
 References: (tx) Browne 1964: 757; Schedl 1972f: 202, 1972p: 159.
- lunatulus** Browne 1980d: 497. Holotype ♂; Keelung (Formosa) to Nagoya (Japan), imported; BMNH, London. Synonymy: Wood 1993:(in press).
 References: (ds) Browne 1980d: 497, 1986b: 333. (tx) Wood, S. L. 1993:(in press).

tenellus Schedl 1935k: 485. Syntypes ♂ ♀; Luzon, Mountain Province, Benguet, Mount Santo Tomas; W. Schultze Collection, and Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands (Luzon).

Hosts: *Ficus* sp., *Pinus insularis*.

Notes: (1) Schedl 1978a: 72 (citation of holotype invalid).

References: (ds) Schedl 1966b: 101, 1972f: 191. (tx) Nobuchi 1985: 329; Schedl 1935k: 484–486, 1942c: 198, 1972f: 191, 1978a: 72.

tenuis Murayama 1925b: 233. Holotype ♀; Sapporo, Hokkaido; Murayama Collection in USNM, Washington.

Figures: Nobuchi 1973b: pl. 2.

Distribution: Asia (Japan/ Malaya).

References: (ds) Murayama 1929a: 674, 1937c: 579, 1954b: 205; Schedl 1972f: 211. (tx) Murayama 1925b: 233, 1954b: 205; Nobuchi 1973b: pl. 2; Schedl 1934f: 1647, 1972f: 211.

tenuisculptus Roberts 1979: 95. Holotype ♂; Papua New Guinea: 14 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.

Figures: Roberts 1979: 97.

Distribution: New Guinea.

Hosts: *Ficus* sp.

References: (tx) Roberts 1979: 95–97.

tenuissimus Schedl 1941b: 426. Syntypes ♂ ♀; Java: Mt. Gede, 1000 m; Kalshoven Collection and Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Java).

Hosts: *Castanea argentea*, *Eurya japonica*, *Nyssa javanica*.

Notes: (1) Schedl 1978a: 73 (citation of holotype invalid).

References: (hb) Kalshoven 1960c: 39. (ds) Kalshoven 1960d: 39; Schedl 1972f: 211. (tx) Schedl 1941b: 416–426, 1972f: 211, 1978a: 73.

tepidus Schedl 1942a: 210. Lectotype ♀; Lower Burma: Bhamo, Birmania and Tenasserim, Thagata; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 73.

Distribution: Asia (Burma).

References: (ds) Schedl 1972f: 242. (tx) Browne 1972b: 29; Schedl 1942a: 210, 1972f: 242, 1978a: 73.

terebrans Schedl 1970b: 368. Holotype ♂; Sarawak, Lawas to Tokyo (Japan), imported; PPST, Tokyo.

Distribution: Indonesia (Borneo).

Hosts: Kapur log.

References: (ds) Nobuchi 1977: 120; Schedl 1972f: 194. (tx) Schedl 1970b: 368–369, 1972f: 194, 1978a: 73.

terminatulus Schedl 1971c: 396. Holotype ♂; Malaya, Kelantan; Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya).

References: (ds) Schedl 1972f: 196. (tx) Schedl 1971c: 396, 1972f: 196, 1978a: 73.

ternus Roberts 1986: 48. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.

Distribution: New Guinea.

Hosts: *Xanthophyllum papuanum*.

References: (tx) Roberts 1986: 48.

tetracerus Beeson 1929: 219. Holotype ♂; Samoa: Upolu, Malololelei, 2000 ft.; BMNH, London.

Distribution: Samoan Islands.

Hosts: *Planchonella samoensis*.

References: (ds) Beaver 1976b: 545; Beeson 1938b: 296; Schedl 1972f: 211. (tx) Beeson 1929: 219–220; Schedl 1941b: 416, 1951k: 141, 155, 1972f: 211, 1978a: 73.

tiriosensis Reichardt 1965a: 53. Holotype ♂; Brasil, Estado do Para, Tirios (Alto rio Paru d'Oeste); Dep. Zool., Sec. Agric., Sao Paulo.

Distribution: South America (Brazil/ Cayenne/ Guyana/ Suriname).

Hosts: *Catostemma* sp., *Eperua falcata*, *Eschweilera sagotianum*.

References: (ds) Schedl 1972f: 229. (tx) Reichardt 1965a: 53; Schedl 1972f: 229; Wood, S. L. 1992a: 91.

schedli Wood 1966a: 51. Holotype ♂; Manaka, British Guiana; BMNH, London. Synonymy: Wood 1992a: 91.

References: (ds) Schedl 1972f: 229, 1972g: 51. (tx) Schedl 1972f: 229, 1978a: 64; Wood, S. L. 1966a: 51–52, 1992a: 91.

torulosus Roberts & Morimoto 1986: 179. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.

Distribution: New Guinea.

References: (tx) Roberts & Morimoto 1986: 179.

tragus Schedl 1939k: 718. Holotype ♂; Brazil: Rio Negro; Schedl Collection in NHMW, Wien.

Figures: Schedl 1939k: 721 (male outline).

Distribution: South America (Brazil).

Hosts: *Hevea* sp.

References: (ds) Blackwelder 1947: 791; Schedl 1972f: 234. (tx) Schedl 1939k: 718, 1972f: 234, 1978a: 74.

transformis Schedl 1936d: 16. Lectotype ♂; Malay Peninsula, Selangor: Kerling Res., Pahang: Temerloh; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 74.

Distribution: Asia (Malaya/ Sri Lanka), Indonesia (Borneo), Philippine Islands.

Hosts: *Balanocarpus heimii*, *Dryobalanops aromatica*, *Shorea* spp. in living trees.

Notes: (3) Schedl 1971c: 396 (described female). References: (hb) Browne 1936a, 1941, 1961c: 202. (ds) Beeson 1961: 267; Browne 1936a: 120–127, 1961c: 202–203; Nobuchi 1977: 132; Ohno, Yoneyama, & Nakazawa 1987a: 96; Ohno, Yoshioka, et al. 1989: 67; Schedl 1959a: 514,

- 1959c: 168, 1971c: 371, 1972f: 207. (**tx**) Nobuchi 1985: 329; Schedl 1936d: 16, 1959a: 514, 1971c: 396–397, 1972f: 207, 1978a: 74.
- transindicus** (Beeson) 1937: 89 (*Crossotarsus*). Syntypes ♂ ♀; Tonkin: Hoabinh; FRI, Dehra Dun. Distribution: Asia (Tonkin Island in Vietnam). Notes: (1) Schedl 1972f: 206 (to *Platypus*). (3) Schedl 1972f: 206 (treated as a subspecies of *indicus*). References: (**ds**) Schedl 1972f: 206. (**tx**) Beeson 1937: 89; Schedl 1939e: 335, 1972f: 206.
- transversecarinatus** Schedl 1942c: 199. Holotype ♀; Australien, New Queensland; Schedl Collection in NHMW, Wien. Distribution: Australia (Queensland). References: (**ds**) Schedl 1972f: 242. (**tx**) Schedl 1942c: 199, 1972f: 242, 1978a: 74.
- transversus** Schedl 1979g: 119. Holotype ♀; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (**tx**) Schedl 1979g: 119.
- triangulatus** Browne 1984c: 454. Holotype ♂; Lever Harbour (Solomon Islands) to Nagoya (Japan), imported; BMNH, London. Distribution: Solomon Islands. Hosts: *Xanthophyllum* sp. References: (**ds**) Ohno, Yoshioka, et al. 1988b: 98. (**tx**) Browne 1984c: 454.
- tricuspidatus** Schedl 1954b: 48. Syntypes ♂; Brasilien; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (**tx**) Schedl 1954b: 48, 1972f: 234, 1978a: 74.
- trilobipennis** Browne 1983a: 567. Holotype ♂; Sandakan (Sabah) to Nagoya (Japan), imported; BMNH, London. Distribution: Indonesia (Borneo). Hosts: "Erima" log. References: (**tx**) Browne 1983a: 567.
- triplurus** Browne 1980b: 388. Holotype ♂; Bangkok (Thailand) to Nagoya (Japan), imported; BMNH, London. Distribution: Asia (Thailand). Hosts: *Pterocarpus* sp. References: (**tx**) Browne 1980b: 388.
- trispinatus** Schedl 1970f: 584. Holotype ♂; Guyane française, Forêt d'Acarouany; Schedl Collection in NHMW, Wien. Distribution: South America (Cayenne). References: (**ds**) Schedl 1972f: 234. (**tx**) Schedl 1970f: 584, 1972f: 234, 1978a: 75.
- trispinatus** Schedl 1952a: 462. Syntypes ♂; Prov. Salta, Oran, Buenos Aires, Prov. Corrientes, Brazo Largo; Museo La Plata and Schedl Collection in NHMW, Wien. Distribution: South America (Argentina/ Brazil). Notes: (1) Schedl 1978a: 75 (citation of holotype invalid).
- References: (**ds**) Schedl 1970e: 87, 1972f: 234, 1979e: 58; Spahr 1981: 80. (**tx**) Schedl 1951h: 287, 1952a: 462, 1972f: 234, 1978a: 75.
- trispinosus** Chapuis 1865: 184. Holotype ♂; de Rio Janeiro, Bresil; BMNH, London (type not found by Schedl 1960c: 31). Distribution: South America (Argentina/ Brazil/ Venezuela). References: (**cn**) Santoro 1966a. (**ds**) Blackwelder 1947: 791; Gemminger & Harold 1872: 2700; Santoro 1957b: 25; Schedl 1933c: 172, 1965b: 87, 1966f: 94, 1972: 234, 1979e: 59; Strohmeier 1912c: 13, 1914c: 25. (**tx**) Chapuis 1865: 184; Schedl 1936i: 101, 1951h: 287, 1960c: 31, 1972f: 234, 1978a: 75; Strohmeier 1912c: 13, 1914c: 25.
- quadriscuspidatus** Schedl 1948f: 283. Syntypes ♂ ♀; Brasil, Nova Teutonia; Plaumann Collection and Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972f: 234. Notes: (1) Schedl 1978a: 60 (citation of holotype invalid). References: (**tx**) de Ruelle 1970: 68; Schedl 1948f: 283, 1972f: 234, 1978a: 60.
- tristis** Roberts 1986: 49. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London. Distribution: New Guinea. Hosts: *Protium* sp. References: (**tx**) Roberts 1986: 49.
- truncatellus** Browne 1975: 309 in Beaver & Browne. Holotype ♂; Thailand: Nakhon Ratchasima, Khao Yai; BMNH, London. Distribution: Asia (Thailand). Hosts: Tree. References: (**tx**) Beaver & Browne 1975: 309.
- truncatauda** Schedl 1968f: 536. Holotype ♂; New Guinea (NW), Bodem, 100 m, 11 km SE of Oerberfaren; apparently in BPBM, Honolulu. Distribution: New Guinea. References: (**ds**) Schedl 1972f: 212. (**tx**) Schedl 1968f: 536, 1972f: 212, 1978a: 75.
- truncatigranosus** Schedl 1970a: 132. Holotype ♂; New Guinea, Porotop Lutheran Mission Sawmill, Western Highlands District; CSIRO, Canberra. Distribution: New Guinea. References: (**ds**) Schedl 1968f: 535, 1972f: 212. (**tx**) Schedl 1970a: 132, 1972f: 212, 1975f: 398, 1978a: 75.
- truncatipennis** Schedl 1964c: 302. Holotype ♂; New Guinea, Humboldt Bai; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (**ds**) Schedl 1968f: 537, 1972f: 212. (**tx**) Schedl 1964c: 302, 1972f: 212, 1978a: 76.
- diversiporus** Schedl 1972i: 56. Holotype ♀; Papua, Western Dist., Oriomo Gov. Sta.; BPBM, Honolulu. Synonymy: Roberts 1989: 285.

- References: **(ds)** Schedl 1972f: 217. **(tx)** Schedl 1972f: 217, 1972i: 56, 1978a: 26.
- multifoveolatus* Schedl 1975f: 389. Holotype ♀; New Guinea, Madang District, Nr. 1, Ramp, Gogol.; Schedl Collection in NHMW, Wien. Synonymy: Roberts 1989: 285. References: **(tx)** Roberts 1989: 285; Schedl 1975f: 389.
- truncatulus* **Browne** in Beaver & Browne 1978: 621. Holotype ♂; Malaya, Penang, Muka Head; BMNH, London. Distribution: Asia (Malaya). Hosts: *Calophyllum tetrapterum*. References: **(tx)** Beaver & Browne 1978: 621.
- truncaturus* **Browne** 1983a: 562. Holotype ♂; Tatau (Sarawak) to Nagoya (Japan), imported; BMNH, London. Distribution: Indonesia (Sarawak in Borneo). References: **(tx)** Browne 1983a: 562.
- truncatus* **Chapuis** 1865: 269. Syntypes 2 ♂; de l'île de France (Mauritius); 1 in BMNH, London, 1 in IRSNB, Brussels. Distribution: Madagascar, Mauritius Island. References: **(cn)** Moutia 1932: 9–12. **(ds)** Alluaud 1900: 441; Gemminger & Harold 1872: 2700; Schedl 1972f: 234; Strohmer 1912c: 17, 1914c: 27. **(tx)** Chapuis 1865: 269; Lucas 1920: 522; Schedl 1939b: 399, 1960c: 51, 1972f: 234; Strohmer 1912c: 17, 1914c: 27. **(ms)** Lucas 1920: 522.
- tuberculatus* **Chapuis** 1865: 131. Holotype ♂; de Cayenne; IRSNB, Brussels (Schedl 1960c: 17). Figures: Mayne & Donis 1962: 289. Distribution: South America (Cayenne). Notes: (3) Schedl 1936c: 226 (described female). References: **(ds)** Blackwelder 1947: 791; Gemminger & Harold 1872: 2700; Schedl 1970f: 582, 1972f: 241, 1972g: 51; Strohmer 1912c: 9, 1914c: 24. **(tx)** Chapuis 1865: 131; Mayne & Donis 1962: 289; Schedl 1933c: 167, 1935e: 176, 1936c: 226, 1960c: 17, 1972f: 241, 1978a: 76; Strohmer 1912c: 9, 1914c: 24.
- tuberculosis* **Strohmer** 1910e: 128. Holotype ♂; Tasmania; Strohmer Collection. Distribution: Australia (Tasmania). References: **(ds)** Schedl 1972f: 199; Strohmer 1912c: 19, 1914c: 29. **(tx)** Schedl 1936c: 226, 1972f: 199; Strohmer 1910e: 128, 1912c: 19, 1914c: 29.
- tuberosus* **(Schedl)** 1942a: 214. Holotype ♂; Malaya, Pahang, Cameron's Highlands, 4800 Fuss; Schedl Collection in NHMW, Wien. Distribution: Asia (Malaya). References: **(ds)** Browne 1961c: 213; Schedl 1972f: 186. **(tx)** Browne 1962e: 653; Schedl 1942a: 214, 1972f: 186, 1978a: 76.
- turcicus* **Schedl** 1970b: 366. Holotype ♂; New Guinea, Vanimo to Nagoya (Japan), imported; PPST, Tokyo. Distribution: New Guinea. References: **(ds)** Nobuchi 1977: 131; Schedl 1972f: 201. **(tx)** Schedl 1970b: 366–367, 1972f: 201, 1978a: 76.
- turiformis* **Roberts & Morimoto** 1986: 180. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London. Distribution: New Guinea. Hosts: *Xanthophyllum papuanum*. References: **(tx)** Roberts & Morimoto 1986: 180.
- ugandae* **Browne** 1965a: 205. Holotype ♂; Uganda: Zika; BMNH, London. Distribution: Africa (Uganda). References: **(ds)** Schedl 1972f: 235. **(tx)** Browne 1965a: 205; Schedl 1972f: 235.
- umbonatus* **Blandford** 1896e: 97. Holotype ♂; Guatemala, Cerro Zunil; BMNH, London. Distribution: North America (Guatemala). References: **(ds)** Blackwelder 1947: 791; Equihua & Atkinson 1987: 30; Schedl 1972f: 241; Strohmer 1912c: 9, 1914c: 24. **(tx)** Blandford 1896e: 97–98; Equihua & Atkinson 1987: 30; Schedl 1972f: 241; Strohmer 1912c: 9, 1914c: 24.
- umbraticus* **Schedl** 1964c: 303. Holotype ♂; Java: Mt. Ardjoena; ZMA, Amsterdam. Distribution: Indonesia (Java). References: **(ds)** Schedl 1972f: 211. **(tx)** Schedl 1964c: 303–304, 1972f: 211.
- umbrinus* **Roberts** 1989: 283. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien. Figures: Roberts 1989: 288. Distribution: New Guinea. Hosts: *Syzygium* sp. References: **(tx)** Roberts 1989: 283, 288.
- uncatus* **Browne** 1980c: 498. Holotype ♂; Kennedy Bay (Borneo) to Nagoya (Japan), imported; BMNH, London. Distribution: Indonesia (Borneo). Hosts: *Nauclea* sp. References: **(tx)** Browne 1980c: 489.
- uncinatus* **Blandford** 1895a: 327. Syntypes (several) ♂ ♀; Ceylon, Dikoya, Bogawantalawa; BMNH, London. Distribution: Asia (Burma/ Assam, Bengal, Karnataka, Tamil Nadu in India/ Malaya/ Sri Lanka). Hosts: *Albizia* spp., *Anogeissus latifolia*, *Bassia latifolia*, *Bombax malabaricum*, *Boswellia serrata*, *Bridelia retusa*, *Buchanania latifolia*, *Camellia sinensis*, *Castanopsis tribuloides*, *Cedrela toona*, *Cochlospermum gossypium*, *Diospyros paniculata*, *Dipterocarpus pilosus*, *Doonia zeylanica*, *Eugenia jambolana*, *Ficus glomerata*, *Gmelina arborea*, *Heritiera fomes*, *Salmalia malabarica*, *Shorea* spp., *Terminalia* spp., *Vatica lanceaeifolia*. Notes: (3) Beeson 1941: 265 (*forfex*, nomen nudum, *kanarensis*, nomen nudum, synonymy in Schedl 1960c: 63).

- References: **(cn)** Kleine 1932a: 310, 402; Mathur & Singh 1960a: 7, 1960b: 17, 1961a: 13, 1961b: 26; Roonwal 1954: 45; Sen-Sarma & Thakur 1986: 37. **(ec)** Beeson 1921b; Thompson, W. R. 1943: 91. **(hb)** Kleine 1932a: 310, 402; Speyer 1923: 23. **(ds)** Beeson 1919: 1–23, 1921b: 25, 1961: 267; Bhasin, Roonwal, & Singh 1958: 17; Browne 1981b: 599; Kleine 1932a: 310, 402; Mathew 1982, 1987: 188; Mathur & Singh 1960a: 7, 1960b: 17, 1961a: 13, 1961b: 26; Ohno, Yoneyama, & Nakazawa 1982b: 11, 1987b: 90; Roonwal 1954: 45; Schedl 1959a: 515, 1969c: 63, 1971a: 281, 1971c: 362; Waterston 1922: 51–94. **(tx)** Beeson 1941: 265; Blandford 1895a: 327; Schedl 1941b: 416, 1959a: 51, 1960c: 63, 1972f: 211.
- rectangulatus* Sampson 1913: 448. Syntypes ♂ ♀; Tharrawaddy, Lower Burma; BMNH, London. Synonymy: Schedl 1972f: 221. References: **(cn)** Kleine 1932a: 310; Mathur & Singh 1961b: 41; Stebbing 1914: 623. **(ec)** Stebbing 1914: 623. **(hb)** Kleine 1932a: 310; Stebbing 1914: 623. **(ds)** Beeson 1921: 24, 1941 (1961: 266); Kleine 1932a: 310; Mathur & Singh 1961b: 41; Schedl 1961c: 167; Strohmeier 1914c: 28. **(tx)** Mathur & Singh 1961b: 41; Sampson 1913: 448–449; Schedl 1941b: 416, 1972f: 211; Stebbing 1914: 623; Strohmeier 1914c: 28.
- uniformis** Schedl 1970: 234. Holotype ♂ ♀; New Guinea: Porotop L.M. Station, W.H.D.; CSIRO, Canberra. Distribution: New Guinea. Hosts: *Cryptocarya* sp., *Podocarpus* sp., *Syzygium* sp. References: **(ds)** Schedl 1972f: 185. **(tx)** Schedl 1969b: 234–235, 1972f: 185, 1978a: 77.
- ursinus** Schedl 1935h: 353. Syntypes ♂ ♀; Brazilien, S. Paulo; Schedl Collection in NHMW, Wien. Distribution: North America (Costa Rica), South America (Brazil/ Cayenne). References: **(ds)** Blackwelder 1947: 791; Schedl 1970f: 582, 1972f: 242. **(tx)** Schedl 1935h: 353–354, 1972f: 242, 1978a: 78.
- ursus** Schedl 1933c: 166. Holotype ♂; Costa Rica, Hamburgfarm, Reventazon, Ebene Limon, 200–300 m; Schedl Collection in NHMW, Wien. Distribution: North America (Costa Rica). Notes: (3) Schedl 1934e: 209 (described female). References: **(ds)** Blackwelder 1947: 791; Equihua & Atkinson 1987: 30; Schedl 1933c: 166, 1972f: 242. **(tx)** Equihua & Atkinson 1987: 30; Schedl 1933c: 166, 1934e: 209, 1972f: 242, 1978a: 78.
- ustulatus** Chapuis 1865: 224. Syntypes ♂ ♀; du Mexique, Toxpan; 2 ♂, 1 ♀ in BMNH, London, 2 ♂, 1 ♀ in IRSNB, Brussels. Figures: Bright 1972d: 19. Distribution: Antilles Islands (Jamaica), North America (Costa Rica/ Guatemala/ Veracruz in Mexico), South America (Brazil/ Cayenne/ Colombia). References: **(ds)** Blackwelder 1947: 791; Blandford 1896e: 110; Bright 1972d: 16; Equihua & Atkinson 1987: 30; Gemminger & Harold 1872: 2700; Nunberg 1958a: 482, 1972b: 190; Schedl 1966f: 94, 1967d: 5, 1972f: 218, 1972g: 38, 1976a: 59; Strohmeier 1912c: 14, 1914c: 26; Sturm 1843: 231. **(tx)** Blandford 1896e: 110; Bright 1972d: 16, 19; Chapuis 1865: 224; Equihua & Atkinson 1987: 30; Nunberg 1958a: 482; Schedl 1939b: 399, 1952e: 123, 1960c: 41, 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.
- petersi* Chapuis 1865: 226. Syntypes ♂ ♀; du Bresil; 1 ♂, 1 ♀ in MNB, Berlin, 1 ♂ in IRSNB, Brussels. Synonymy: Schedl 1972f: 219. References: **(ds)** Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Strohmeier 1912c: 14, 1914c: 26. **(tx)** Chapuis 1865: 226; Schedl 1937d: 33, 40, 1952a: 463, 1960c: 42, 1972f: 219; Strohmeier 1912c: 14, 1914c: 26.
- obsoletus* Chapuis 1865: 228. Syntypes ♂ ♀; de la Colombie; 1 ♂ ex typis in IRSNB, Brussels (Schedl 1960c: 42). Synonymy: Schedl 1972f: 218. References: **(ds)** Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Nunberg 1958a: 481; Strohmeier 1912c: 14, 1914c: 26. **(tx)** Chapuis 1865: 228; Nunberg 1958a: 481–482; Schedl 1936c: 242, 1960c: 41–42, 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.
- ustus** Schedl 1968e: 268. Holotype ♂; Okapa (Okasa), E. Highlands District; CSIRO, Canberra. Distribution: New Guinea. Hosts: *Heritiera trifolia*, *Pterocymbium beccarii*. Notes: (3) Schedl 1969b: 235 (described female). References: **(ds)** Schedl 1972f: 201, 1979a: 160. **(tx)** Schedl 1968e: 268, 1969b: 235, 1972f: 201, 1978a: 78; Wylie & Yule 1977.
- uter** Schedl 1968b: 236. Holotype ♂; New Guinea: Karamui, Chimbu District; CSIRO, Canberra. Distribution: New Guinea. Notes: (3) Schedl 1975f: 398 (described female). References: **(ds)** Schedl 1972f: 191. **(tx)** Schedl 1968b: 236, 1972f: 191, 1975f: 398, 1978a: 78.
- utibilis** (Schedl) 1939e: 360 (*Crossotarsus*). Lectotype ♂; Malaya, Perak: Trolak For. Res. and Pahang; Kemasul For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 78. Distribution: Asia (Malaya). Hosts: *Aporosa* (?) sp. References: **(hb)** Browne 1941. **(ds)** Browne 1961c: 210, 1980c: 483; Schedl 1972f: 202. **(tx)** Schedl 1939e: 360, 1972f: 202, 1978a: 78.
- uvarius** Roberts 1989: 284. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien. Figures: Roberts 1989: 286.

- Distribution: New Guinea.
References: (tx) Roberts 1989: 284, 286.
- rafer Schedl** 1972g: 51. Holotype ♂: Brasilien, Utinga bei Belem, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Schedl 1976a: 59. (tx) Schedl 1972g: 81, 1978a: 78.
- vaginervis Roberts** 1986: 51. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (tx) Roberts 1986: 51.
- vagus Browne** 1983a: 568. Holotype ♂; Bintulu (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: Pernarahan log.
References: (tx) Browne 1983a: 568.
- valdephlebius Roberts** 1979: 96. Holotype ♂; Papua New Guinea: 12 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Figures: Roberts 1979: 93 (male, head of female).
Distribution: New Guinea.
Hosts: *Schizomeria* sp.
References: (tx) Roberts 1979: 93.
- validus Schedl** 1973e: 97. Holotype ♂; New Guinea: Taun logging area, Bulolo, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
References: (tx) Schedl 1973e: 97, 1978a: 78.
- varipennis Schedl** 1968e: 269. Holotype ♂; Afaningtonu, E. Highlands District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Araucaria cunninghamii*.
References: (tx) Schedl 1968e: 269, 1972f: 201, 1978a: 78.
- vegestus Wood** 1966a: 63. Holotype ♂; Pan-American Highway 15 miles NW Cerro de la Muerte, San Jose Prov., Costa Rica, 7800 feet; Wood Collection.
Figures: Schedl 1972f: 213, Wood 1966a: 67.
Distribution: North America (Costa Rica).
Hosts: *Brunellia costaricensis*.
References: (ds) Equihua & Atkinson 1987: 30; Schedl 1972f: 214. (tx) Equihua & Atkinson 1987: 30; Schedl 1972f: 213–214; Wood, S. L. 1966a: 63, 67.
- verelunatus (Beeson)** 1937: 65 (*Crossotarsus*). Holotype ♂; Middle Andaman; FRI, Dehra Dun. Distribution: Asia (Andaman Islands in India/Vietnam).
Hosts: *Artocarpus chaplasha*, *Bassia butyracea*, *Pterocarpus dalbergioides*, *Sterculia* spp., *Terminalia manni*.
References: (cn) Mathur & Singh 1961a: 69, 1961b: 32; Roonwal 1954: 85. (ds) Beeson 1941 (1961: 257); Mathur & Singh 1961a: 69, 1961b: 32; Roonwal 1954: 85; Schedl 1972f: 202, 1974c: 262. (tx) Beeson 1937: 65–66; Schedl 1939e: 360, 1972f: 202, 1978b: 80.
- vernaculus Schedl** 1965g: 29. Holotype ♂; O. Borneo, Mt. Tibang, 1300 und 1400 m; NHR, Stockholm.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 201. (tx) Schedl 1965g: 29, 1972f: 201, 1978a: 80.
- vesculus Schedl** 1972i: 58. Holotype ♂; New Guinea (NE), Karimui, 1000 m; BPBM, Honolulu. Distribution: New Guinea.
References: (ds) Schedl 1972f: 191. (tx) Schedl 1972f: 191, 1972i: 58, 1978a: 80.
- vethi Strohmeier** 1913: 161. Syntypes ♂ ♀; Preanger (Java); Strohmeier Collection.
Distribution: Asia (Malaya), Indonesia (Java, Sumatra).
Hosts: *Cinnamomum camphora*, *Dalbergia latifolia*, *Dyera costulata*, *Podocarpus imbricata*, *Schima cordatus*.
Notes: (3) Schedl 1972f: 193 *suffodiens* var. *major* Sampson, nomen nudum, synonymy).
References: (cn) Browne 1968b: 572; Kalshoven 1960d: 35. (hb) Browne 1961c: 196, 1968b: 572; Kalshoven 1960c: 34. (ds) Browne 1961c: 196, 1968b: 572; Kalshoven 1960d: 35; Strohmeier 1914c: 27. (tx) Browne 1961c: 196, 1968b: 572; Kalshoven 1960d: 63; Schedl 1972f: 193; Strohmeier 1913: 161–162, 1914c: 27.
- suffodiens malayensis* Schedl 1936: 34. Holotype ♂; Malaya (Bukit Cherakash Forest Reserve and Pahang, Memasul Forest Reserve; not given, but added as NHMW, Wien, in Schedl 1978a: 71. Synonymy: Kalshoven 1960: 63.
References: (bv) Bletchly 1961: 15. (cn) Browne & Foenander 1937: 240–254. (ec) Bletchly 1961: 15; Browne 1958b. (hb) Browne 1935a, 1958b. (ds) Beeson 1961: 265; Bletchly 1961: 15; Browne 1935a; Browne & Foenander 1937: 240–254; Schedl 1936j: 34. (tx) Browne 1949b: 910; Kalshoven 1960d: 63; Schedl 1936j: 34, 1939e: 336, 360, 1972f: 193, 1978a: 71.
- spretus* Schedl 1939e: 360. Holotype ♂; Malaya (Bukit Cherakash Forest Reserve and Pahang, Memasul Forest Reserve; Schedl Collection in NHMW, Wien, automatic. Synonymy: Kalshoven 1960d: 63.
References: (hb) Browne 1941. (tx) Browne 1949b: 910; Kalshoven 1960d: 63; Schedl 1939e: 336, 360, 1941c: 354, 1942a: 209.
- vetulus Schedl** 1935n: 638. Lectotype ♂; Malay States: Johore North, Kluang; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 80. Distribution: Asia (Malaya), Indonesia (Borneo, Mentawai, Sumatra).
Hosts: *Dryobalanops aromatica*.

- Notes: (3) Schedl 1936d: 14 (described female).
References: **(hb)** Browne 1941. **(ds)** Beeson 1941 (1961: 267); Browne 1961c: 196, 1981b: 599; Schedl 1965g: 24, 1971c: 370, 1971f: 151, 1972f: 193. **(tx)** Schedl 1935n: 638, 1936d: 14, 1936e: 51, 1939e: 336, 1954c: 155, 1972f: 193, 1978a: 80.
- vetustus** Schedl 1941d: 414. Holotype ♂; Belge Congo: Likimi, Gumba; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: **(ds)** Schedl 1972f: 223. **(tx)** Schedl 1941d: 414, 1957d: 120, 1962k: 637, 1972f: 223, 1978a: 80.
- vexans** Schedl 1972g: 82. Holotype ♂; Brasilien, Cachimbo, Para; MZUSP, Sao Paulo.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1972g: 82, 1978a: 80.
- viaticus** Schedl 1974d: 470. Holotype ♀; New Guinea: Taun logging area, Bulolo, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
References: **(tx)** Schedl 1974d: 470, 1978a: 80.
- vicarius** Schedl 1975g: 232. Holotype ♀; New Guinea, Wau; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1975g: 232, 1978a: 81.
- vicinus** Blandford 1896e: 104. Holotype ♂; Mexico; BMNH, London.
Figures: Blandford 1896e: pl. 4, fig. 14.
Distribution: North America (Mexico).
References: **(ds)** Blackwelder 1947: 791; Equihua & Atkinson 1987: 30; Ferrer 1942; Schedl 1972f: 206; Strohmeier 1912c: 10, 1914c: 24. **(tx)** Blandford 1896e: 104; Equihua & Atkinson 1987: 30; Schedl 1940a: 324, 1972f: 206; Strohmeier 1912c: 10, 1914c: 24.
- vitiensis** Roberts 1977b: 571. Holotype ♂; Fiji Islands: Viti Levu, 10 km N Ngaloa Village, 300 m; BMNH, London.
Distribution: Fiji Islands.
Hosts: *Agathis vitiensis*, *Burckella* sp., *Calophyllum vitiense*, *Canarium vitiense*, *Cerbera odollum*, *Cynometra insularis*, *Dacrydium elatum*, *Dysoxylum* sp., *Endospermum macrophyllum*, *Garcinia myrtifolia*, *Gonostylus punctatus*, *Maniltoa* sp., *Myristica castaneifolia*, *Palaquium hornei*, *Parinari insularum*.
References: **(ec)** Roberts 1977b: 571. **(hb)** Roberts 1977b: 571. **(ds)** Roberts 1977b: 571. **(tx)** Roberts 1977b: 571.
- volaticus** Schedl 1936j: 35. Lectotype ♂; Malay Peninsula, Pahang; Trantum, Tersang Forest Reserve, and Perak; Chenderoh; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 29.
Distribution: Asia (Malaya), Bougainville, Indonesia (Java), New Britain, New Guinea, New Ireland.
Hosts: *Diospyros* sp., *Dysoxylum* sp., *Micromeles* sp.
- Notes: (1) Schedl 1941c: 365 (raised to species rank from subspecies of *excedens*). (3) Schedl 1941c: 365 (described female).
References: **(hb)** Browne 1961c: 213; Kalshoven 1960d: 41. **(ds)** Browne 1961c: 213; Kalshoven 1960d: 41; Schedl 1936j: 35, 1968f: 537, 1972f: 186. **(tx)** Browne 1962e: 653; Schedl 1936j: 35, 1941c: 365–366, 1972f: 186, 1978a: 29, 81.
- vonfaberi** Reichardt 1962: 336. Holotype ♂; Brasil, Estado de Matto Grosso, Xingu (lat. 12 00, long. 53 22); DZSA, Sao Paulo.
Distribution: South America (Brazil).
References: **(ds)** Schedl 1972f: 187. **(tx)** Reichardt 1962: 336, 1964: 147; Schedl 1972f: 187.
- watbrui** Roberts 1965: 219. Holotype ♂; Nigeria: Idanre; BMNH, London.
Distribution: Africa (Nigeria/ Sierra Leone).
Hosts: *Xylopia* sp.
References: **(ds)** Roberts 1968: 189, 1969: 120; Schedl 1972f: 228. **(tx)** Roberts 1965: 219; Schedl 1972f: 228.
- watutensis** Roberts 1986: 53. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: **(tx)** Roberts 1986: 53.
- webberi** Schedl 1939e: 362. Syntypes ♂; Malaya, Selangor: The Gap, 2700 feet; BMNH, London.
Distribution: Asia (Malaya), Indonesia (Sumatra).
Hosts: *Myristica fragrans*.
References: **(hb)** Browne 1941; Kalshoven 1960c: 34. **(ds)** Browne 1961c: 196; Kalshoven 1960d: 34; Schedl 1972f: 194. **(tx)** Schedl 1939e: 362–363, 1941c: 354, 1958b: 102, 1972f: 194, 1978a: 81.
- westwoodi** Chapuis 1865: 236. Syntypes 2 ♂; Ile Borneo, Sarawak; BMNH, London (Schedl 1960c: 44).
Distribution: Asia (Malaya/ Thailand), Indonesia (Borneo, Java, Mentawai, Sumatra), Si-Oban Island.
Hosts: *Afzelia bakeri*, *A. palembanica*, *Artocarpus lakoocha*, *Calophyllum* sp., *Cratoxylum arborescens*, *Dyera costulata*, *Endospermum malaccense*, *Eugenia* sp., *Ficus* sp., *Gonostylus bancanus*, *Hevea brasiliensis*, *Koompassia malaccensis*, *Lucuma malaccensis*, *Palaquium* sp., *Pouteria malaccensis*, *Sapium baccatum*, *Scaphium* sp., *Xylopia cordata*.
Notes: (3) Schedl 1936d: 14 (described female).
References: **(cn)** Ishikura 1966; Yunus & Hua 1980: 217. **(ec)** Browne 1958b. **(hb)** Browne 1935a, 1941, 1958b, 1961c: 194; Kalshoven 1960c: 34; Mercer 1982: 210. **(ds)** Beaver & Browne 1975: 309, 1978: 621; Beeson 1941 (1961: 267); Browne 1935a, 1961c: 194–195, 1972b: 29, 1980a: 371; Gemminger & Harold 1872: 2700; Ishikura 1966; Kalshoven 1924b: 358, 1960d: 34; Mercer 1982: 210; Ohno, Yoneyama, & Nakazawa 1982b: 11; Sampson 1919: 106,

- 1925b: 392; Schedl 1936d: 7, 1936j: 22, 1959c: 168, 1971f: 151, 1972f: 192; Strohmeier 1912c: 16, 1914c: 27; Yunus & Hua 1980: 217. **(tx)** Chapuis 1865: 236; Sampson 1913: 448, 1919: 106, 1928b: 392; Schedl 1936d: 14–15, 1937e: 544, 1939e: 336, 1941c: 354, 1972f: 192, 1978a: 81; Strohmeier 1912c: 16, 1914c: 27.
- wilsoni Swaine** 1916a: 98. Holotype ♀; Campbell River, British Colombia [Canada]; CNCI, Ottawa. Figures: Arnett 1960: 1029, Swaine 1916a: pls. 6–7. Distribution: North America (British Columbia in Canada/ California, Idaho, Oregon, Washington in USA). Hosts: *Abies magnifica*, *Pseudotsuga menziesii*, *Tsuga heterophylla*. References: **(ay)** Chapman 1961b: 3; Farris 1969: 529; Farris & Funk 1965: 527–537; Livingston & Berryman 1972: 1799. **(bv)** Prebble & Graham 1957: 91–92; Shore & McLean 1983b. **(cn)** Chamberlin 1917: 356, 1924, 1939: 112; Doane et al. 1936; Fisher, Thompson, & Webb 1953, 1954b: 3–15; Furniss, R. L. 1937: 30; Graham 1939b; Hatch 1938: 192; Johnson 1958a: 508, 1958b: 236–240; Keen 1936: 145; Kowal 1949a: 12–13; Mathers 1935: 14; McMullan 1956: 34; Nijholt 1978a; Prebble 1944: 50; Ruppel 1967: 79; Schuder 1969: 74; Shore 1985; Silver & Ross 1960: 99, 1961: 99; Struble 1937d: 11, 1957: 14; Swaine 1914: 38, 1918a: 38; Thatcher, T. O. 1961. **(ec)** Chamberlin 1918a: 35, 1939: 112; Farris 1969: 529; Farris & Funk 1965: 929–932; Furniss, R. L. & Carolin 1977: 338; Graham 1939b; Keen 1938: 145; Roeper & French 1981; Schedl 1958d: 188; Shore 1985; Struble 1957: 14. **(hb)** Bright & Stark 1973: 10; Chamberlin 1939: 112, 1958: 33–34; DeLeon 1952; Doane et al. 1936; Ferrell 1969: 2238; Furniss, R. L. & Carolin 1977: 338; Graham 1939b; Husson 1955: 350; Johnson 1958a: 508, 1958b: 237; Keen 1938: 145; Kinney & Furniss 1943: 26–27; Nijholt 1978a; Prebble & Graham 1957: 91–92; Shore 1985; Struble 1937d: 11, 1957: 14; Swaine 1918a: 38; Thatcher, T. O. 1961; White, R. E. 1983: 326. **(ds)** Blackwelder & Blackwelder 1948; Chamberlin 1918a: 35, 1925, 1939: 112, 1958: 33–34; Currie 1905; DeLeon 1952: 78; Equihua & Atkinson 1987: 30; Furniss, R. L. & Carolin 1977: 338; Hopping 1922; Keen 1929a: 11, 1938: 145; Leng 1920: 337; Murayama 1957a: 37; Patterson & Hatch 1945: 148; Ruppel 1967: 79; Schedl 1933c: 172, 1972f: 199; Schuder 1969: 74; Shore 1985; Swaine 1914: 38; Thatcher, T. O. 1961; Wood, S. L. 1958b: 39, 1972b: 394. **(tx)** Arnett 1960: 1029, 1968: 1029; Chamberlin 1939: 112, 1958: 33–34; Equihua & Atkinson 1987: 30; Hoebeke 1978; Johnson 1958b: 237; Keen 1929a: 11; de Reutte 1970: 68; Schedl 1972f: 199; Swaine 1916a: 97–100, 1918a: 38; Wood, S. L. 1958b: 39, 1972b: 394, 1979a: 2. **(ms)** Hatch 1938: 192; Prebble 1944: 50.
- xanthopus Schedl** 1957d: 124. Holotype ♀; Congo Belge; Yangambi; MRCB, Tervuren. Figures: Schedl 1962k: 673, 1972f: 228. Distribution: Africa (Zaire). Hosts: *Xylopiia* sp. Notes: (3) Schedl 1962k: 1108 (described female). References: **(ds)** Mayne & Donis 1962: 228; Schedl 1962k: 673, 1972f: 228. **(tx)** Schedl 1957d: 124, 1962k: 673, 1108, 1972f: 228, 1978a: 81.
- xylographus Schedl** 1969a: 216. Holotype ♂; Formosa, Kaohsiung to Tokyo (Japan), imported; PPST, Tokyo. Distribution: Asia (Taiwan). Hosts: *Picea* sp., *Pinus* sp. References: **(ds)** Nobuchi 1977: 128; Schedl 1972f: 199. **(tx)** Schedl 1969a: 216, 1972f: 199, 1978a: 82.
- yasiyasi Roberts** 1977b: 560. Holotype ♂; Fiji Islands: Viti Levu, 12 km W Namulolo Village, 200 m; BMNH, London. Figures: Roberts 1977b: 561. Distribution: Fiji Islands. Hosts: *Cleistocalyx* sp., *Syzygium effusum*. References: **(bv)** Roberts 1977b: 560. **(cn)** Essig 1958: 509. **(hb)** Essig 1958: 509; Roberts 1977b: 560. **(ds)** Essig 1958: 509. **(tx)** Roberts 1977b: 560–561.

Genus *Treptoplatypus* Schedl

- TREPTOPLATYPUS SCHEDL** 1939b: 401. Type-species: *Crossotarsus trepanatus* Chapuis, subsequent designation by Wood 1992a: 91. Notes: (2) Browne 1962e: 653 (treated as a synonym of *Platypus*). References: **(tx)** Browne 1962e: 653; Schedl 1939b: 401, 1968e: 261–270, 1972f: 243–245; Wood, S. L. 1992a: 91.
- circulicauda Browne** 1949b: 911. Holotype ♂; Malaya: Kelantan, Bukit Besi; BMNH, London. Distribution: Asia (Malaya), Indonesia (Borneo). Hosts: *Diospyros* sp., *Dipterocarpus* sp. References: **(ds)** Browne 1961c: 209, 1962c: 202, 1981b: 598; Schedl 1972f: 245. **(tx)** Browne 1949b: 911; Schedl 1972f: 245.
- fischeri (Strohmeier)** 1907g: 29 (*Crossotarsus*). Holotype ♀; Sumatra (Regentschaft Palembang); Strohmeier Collection. Distribution: Indonesia (Sumatra). Notes: (1) Schedl 1972f: 245 (to *Treptoplatypus*). References: **(ds)** Schedl 1972f: 245; Strohmeier 1912c: 5, 1914c: 35. **(tx)** Schedl 1972f: 245; Strohmeier 1907g: 29–30, 1912c: 5, 1914c: 35.
- multiaporus Schedl** 1968e: 270. Holotype ♀; Okapa (Okasa), E. Highlands District; CSIRO, Canberra. Distribution: New Guinea. Hosts: *Heritiera trifolia*, *Podocarpus* sp.. Notes: (1) Schedl 1978a: 46 (type restricted to CSIRO specimens).

References: **(ds)** Schedl 1972f: 245. **(tx)** Schedl 1968e: 270, 1972f: 245, 1978a: 45.

fastuosus Schedl 1969b: 226 (*Platypus*). Holotype ♂; New Guinea: Marafunga, 2800 m; CSIRO, Canberra. Synonymy: Wood 1992a: 92.

References: **(tx)** Schedl 1969b: 226; Wood, S. L. 1992a: 92.

quadriporus Schedl 1971c: 397. Holotype ♀; China: Fukien; Schedl Collection in NHMW, Wien. Distribution: Asia (Fujian in China).

References: **(ds)** Schedl 1972f: 245. **(tx)** Schedl 1971c: 397, 1972f: 245, 1978a: 61.

subaplanatus (Schedl) 1935n: 634 (*Platypus*). Lectotype ♂; Malay States: Selangor, Ulu Gombak, 17th mile; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 70. Distribution: Asia (Malaya).

Hosts: Leguminosae sp.

References: **(cn)** Yunus & Hua 1980: 217. **(hb)** Mercer 1982: 210. **(ds)** Browne 1949b: 892–912, 1961c: 209, 1962c: 202; Mercer 1982: 210; Schedl 1972f: 245; Yunus & Hua 1980: 217. **(tx)** Schedl 1935n: 634, 1939b: 401, 1972f: 245, 1978a: 70.

taxicornis (Schedl) 1968f: 537 (*Platypus*). Holotype ♂; New Guinea (NW), Wau, Morobe District, 1050 m; BPBM, Honolulu. Distribution: New Guinea.

Notes: (1) Schedl 1972f: 245 (to *Treptoplatypus*). References: **(ds)** Schedl 1972f: 245. **(tx)** Schedl 1968f: 535–537, 1972f: 245, 1978a: 72.

trepanatus (Chapuis) 1865: 75 (*Crossotarsus*). Holotype ♀; Borneo (Sarawak); BMNH, London (Schedl 1960c: 9).

Figures: Schedl 1972f: 243.

Distribution: Asia (Malaya), Indonesia (Borneo).

Hosts: *Eugenia* sp., *Gonystylus bancanus*, *Shorea uliginosa*.

References: **(cn)** Supriana et al. 1978. **(hb)** Browne 1961c: 209; Mercer 1982: 210. **(ds)** Browne 1961c: 209; Mercer 1982: 210; Sampson 1928b; Schedl 1972f: 245; Strohmer 1912c: 5, 1914c: 35; Supriana et al. 1978. **(tx)** Browne 1949b: 911, 1962e: 653; Chapuis 1865: 75–76; Sampson 1928b; Schedl 1935n: 633–634, 1939b: 390, 401, 1939e: 335, 1960c: 9, 1972f: 243, 245; Strohmer 1907g: 30, 1912c: 5, 1914c: 35; Wood, S. L. 1992b: 91.

Genus *Crossotarsus* Chapuis

CROSSOTARSUS CHAPUIS 1865: 23, 44. Type-species: *Crossotarsus wallacei* Thomson, subsequent designation by Hopkins 1914: 119.

References: **(ay)** Nobuchi 1969a: 69; Strohmer 1918: 1–46. **(cn)** Beeson 1916: 216–223, 1918: 114–124; Browne 1936: 1; Chatterjee 1917: 1–4; Fisher, Thompson, & Webb 1954: 1–21; Hargreaves 1925: 21–28; Mayne 1917: 1–80; Munro 1928: 1–29; Smith 1932: 229–246; Yano 1919: 453–470. **(hb)** Beeson 1910: 222, 1937: 45–103,

1941: 328–338, 1961: 252–257; Browne 1941: 62–63, 1958b: 164–182, 1960: 313, 1961c: 221–229; Gardner 1932b: 1–6, 9; Kalshoven 1960d: 31–50; Schedl 1972f: 96. **(ds)** Beeson 1938: 295, 1941: 328–338, 1961: 252–257; Kleine 1931: 152, 165; Kolbe 1897: 283; Schedl 1966b: 83, 1972f: 96, 1977b: 234. **(tx)** Beeson 1937: 45–103; Blandford 1894d: 128–129, 1895b: 82, 85, 90; Browne 1950b: 649, 1955: 364, 1962e: 642, 1966: 233–257, 1972a: 187; Chapuis 1865: 22–26, 44–97, figs. 1–29; Choo 1983: 31; Choo, Woo, & Nobuchi 1988b; Hopkins 1914: 119, 136, 1915c: 188–227; Lacordaire 1866: 389–390; Murayama 1925: 201–202, 1928: 29–30, 1934: 147; Niisima 1909: 170; Nobuchi 1973b: 3; Numberg 1953: 46; Sampson 1923: 449; Schedl 1934f: 1647, 1935n: 633, 1936e: 43, 1937d: 33, 1939b: 401, 1959a: 515, 1960c: 5, 1972f: 96–112, 1977b: 234; Stebbing 1907: 19, 1914: 613–619; Strohmer 1911a: 174, 1911b: 26, 1911c: 104–105, 1911d: 218, 1912c: 4–7, 1912f: 79, 1914c: 5–35.

adursus Beeson 1937: 69. Holotype ♂; Borneo: "E.I.M."; BMNH, London.

Distribution: Indonesia (Borneo).

References: **(ds)** Schedl 1972f: 110. **(tx)** Beeson 1937: 69–70; Schedl 1939e: 334, 1972f: 110.

andamanus Beeson 1937: 82. Syntypes ♂ ♀; Andamans: North Andaman; FRI, Dehra Dun.

Distribution: Asia (Andaman Islands in India).

Hosts: *Diospyros oocarpa*, *Dipterocarpus turbinatus*, *Myristica andamanica*, *Pterocarpus dalbergioides*, *Sagraea elliptica*, *Terminalia* spp.

Notes: (3) Schedl 1972f: 107 (treated as a subspecies of *squamulatus*).

References: **(cn)** Mathur & Singh 1961a: 5, 1961b: 32; Sen-Sarma & Thakur 1986: 37. **(ds)** Mathur & Singh 1961a: 5, 1961b: 32; Schedl 1972f: 107. **(tx)** Beeson 1937: 82; Schedl 1972f: 107, 1978a: 11.

armipennis Lea 1910: 134. Holotype ♀?; N.S. Wales; Macleay Museum, not located.

Distribution: Australia (New South Wales).

References: **(cn)** Froggatt 1927; Smith, J. H. 1935: 3; Tryon 1917. **(ec)** Smith, J. H. 1935: 3. **(hb)** Froggatt 1927. **(ds)** Sampson 1925: 2; Schedl 1936g: 513, 1972a: 110; Smith, J. H. 1935: 3; Strohmer 1912c: 5, 1914c: 35. **(tx)** Beeson 1937: 72; Browne 1962e: 644; Lea 1910: 134; Sampson 1925: 2; Schedl 1939b: 400, 1939p: 288, 1942c: 165, 1972f: 110; Strohmer 1912c: 5, 1914f: 7–8, 1914c: 35.

aruensis Beeson 1937: 54. Holotype ♀; Aru Is.: Wokan; FRI, Dehra Dun.

Distribution: Indonesia (Aru Island).

References: **(ds)** Schedl 1972f: 101. **(tx)** Beeson 1937: 54–55; Schedl 1972f: 101.

aureipilus Roberts 1989: 88. Holotype ♂; New Guinea: Papua, Gumi; NHMW, Wien.

Distribution: New Guinea.

Hosts: *Aglaia* sp.

References: (tx) Roberts 1989: 88.

barbatus Chapuis 1865: 66. Syntypes ♂ ♀: Molucces, Ceram, Bouru; 1 ♂, 1 ♀ in BMNH, London, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 8). Distribution: Indonesia (Borneo, Buru, Ceram, Moluccas), New Guinea.

Hosts: *Theobroma cacao*.

References: (ay) Strohmeier 1918: 15. (ec) Roberts 1980. (ds) Browne 1980c: 482, 1981a: 126; Gemminger & Harold 1872: 2696; Ohno, Yoshioka, et al. 1988b: 97; Sampson 1928b: 390; Schedl 1936g: 513; Strohmeier 1912c: 4, 1914c: 33. (tx) Beeson 1937: 56; Chapuis 1865: 66; Sampson 1928b: 390; Schedl 1936d: 12, 1936e: 43, 1937d: 34, 1939b: 402, 1940b: 434–435, 1955b: 282, 1960c: 8, 1972f: 103; Sharp & Muir 1912: 572; Strohmeier 1912c: 4, 1914c: 33; Wylie & Yule 1977.

benevolus Beeson 1937: 50. Holotype ♂: Sumbawa; BMNH, London.

Distribution: Indonesia (Sumbawa).

References: (ds) Schedl 1972f: 101. (tx) Beeson 1937: 50–51; Schedl 1972f: 101.

biconcavus Schedl 1962i: 76. Holotype ♂: Ned. Nieuw. Guinea, Sibil Sterrengeb.; ZSSM, Munchen. Distribution: New Guinea, New Ireland.

Hosts: *Theobroma cacao*.

Notes: (3) Schedl 1970: 221 (described female). References: (cn) Roberts 1987; Wylie & Shanahan 1975. (hb) Roberts 1987; Wylie & Shanahan 1975. (ds) Schedl 1962i: 73, 76, 1964d: 212, 1968e: 264, 1969e: 156, 1972f: 101. (tx) Schedl 1962i: 76, 1969b: 221, 1972f: 101, 1978a: 14.

bonvouloiri Chapuis 1865: 55. Syntypes ♂ ♀: Camboje; 1 ♂, 1 ♀ in BMNH, London, 1 ♀ in IRSNB, Brussels (Schedl 1960).

Distribution: Asia (Cambodia/ Assam, Bengal in India/ Malaya/ Thailand), Indonesia (Celebes, Sumatra), Philippine Islands, Sunda Islands.

Hosts: *Buka limbia*, *Citrus* sp., *Cryptocarya wrightiana*, *Dysoxylum binectariferum*, *Engelhardtia spicata*, *Mesua ferrea*, *Sapium eugeniaefolium*, *Shorea robusta*, *Terminalia bellerica*, *Vatica lanceaefolia*, *Xylia xylocarpa*.

References: (bv) Beeson 1917. (cn) Beeson 1916: 1–5; Kleine 1932a: 310, 401; Mathur & Singh 1960a: 35, 1961a: 23, 1961b: 25; Roonwal 1954: 65; Sen-Sarma & Thakur 1986: 37. (ec) Beeson 1921b, 1923. (hb) Beaver & Browne 1975: 302; Beeson 1916a: 222, 1917, 1923; Browne 1961c: 224; Kleine 1932a: 310, 401. (ds) Beaver & Browne 1975: 302; Beeson 1916a, 1921b: 21, 1923, 1961: 253; Bhasin, Roonwal, & Singh 1958; Browne 1961c: 55, 1980c: 484; Gemminger & Harold 1872: 2696; Kleine 1932a: 310, 401; Lacordaire 1866: 389; Mathur & Singh 1960a: 35, 1961a: 23, 1961b: 25; Roonwal 1954: 65; Schedl 1969c: 55, 1972f: 101; Strohmeier 1911f: 203,

1912c: 4, 1914c: 33. (tx) Beeson 1937: 50–53; Chapuis 1865: 55; Lacordaire 1866: 389; Schedl 1937d: 33, 1960c: 6, 1972f: 101; Strohmeier 1912c: 4, 1914c: 33.

brevidens Browne 1975: 302 in Beaver & Browne. Holotype ♂; Thailand: Chiang Mai, Doi Pui, 1450 m; BMNH, London.

Distribution: Asia (Thailand).

Hosts: *Quercus* sp.

References: (tx) References: Beaver & Browne 1975: 302–303.

brownei Schedl 1936d: 12. Lectotype ♂; Malay Peninsula, Pahang; Rotan Tunggal For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 17.

Distribution: Asia (Malaya), Indonesia (Borneo).

Hosts: *Dacryodes rostrata*, *Elateriospermum tapos*, *Gluta elegans*, *Mangifera* sp., *Melanorrhoea curtisii*, *Shorea leprosula*.

Notes: (3) Schedl 1942a: 199 (described female).

References: (ec) Browne 1958b. (hb) Beaver & Browne 1978: 615; Browne 1938a, 1941, 1958b, 1961c: 224; Yunus & Hua 1980: 216. (ds) Beaver & Browne 1978: 615; Beeson 1961: 253; Browne 1938a, 1949b, 1961a: 316, 1961c: 224; Schedl 1972f: 103. (tx) Browne 1949b, 1955: 365; Schedl 1936d: 12–13, 1942a: 199, 1950g: 894, 1972f: 103, 1978a: 17.

desectus Beeson 1937: 58. Holotype ♂; Borneo: Kuching; BMNH, London. Synonymy: Browne 1955: 365.

References: (tx) Beeson 1937: 58; Browne 1955: 365; Schedl 1972f: 103.

caliginosus Roberts 1979: 81. Holotype ♂; Papua New Guinea: 12 km south-west of Onim Hut, Mount Giluwe, 2900m; BMNH, London.

Distribution: New Guinea.

Hosts: *Quintinia* sp.

References: (tx) Roberts 1979: 81.

chalcographus Schedl 1972h: 64. Holotype ♂; New Guinea: Kulolo logging area, Wau, Morobe District; CSIRO, Canberra.

Distribution: Australia, New Guinea.

Hosts: *Calophyllum inophyllum*, *Castanopsis accuminatissima*, *Pasania aspericupula*.

Notes: (1) Five localities are given with no indication of which one is the type locality.

References: (ds) Schedl 1972f: 103, 1980b: 184. (tx) Schedl 1972f: 103, 1972h: 64, 1978a: 19.

cheesmani Schedl 1935f: 275. Lectotype ♂; Papua: Mt. Tafa, 8500 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 19.

Distribution: New Britain Island, New Guinea.

References: (ds) Schedl 1968f: 535, 1972f: 110. (tx) Schedl 1935f: 275, 1935j: 2, 1940b: 434, 1972f: 110, 1978a: 19.

cinnatus Chapuis 1865: 57. Syntypes 4 ♀; Borneo (Sarawak); BMNH, London.

Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo, Sumatra).

Hosts: *Coccoceras* sp.

Notes: (3) Schedl 1935n: 639 (described male).

References: (**hb**) Browne 1935a, 1941. (**ds**) Beeson 1937, 1941 (1961: 253); Browne 1935a; Gemminger & Harold 1872: 2696; Sampson 1928a: 3, 1928b: 389; Schedl 1936d: 6, 1960c: 6, 1966b: 83, 1972f: 102; Strohmeier 1911f: 203, 1912c: 4, 1914c: 33. (**tx**) Beeson 1937: 54, 56; Browne 1962c: 214; Chapuis 1865: 57; Nobuchi 1985: 328; Sampson 1919: 105, 1928a: 3, 1928b: 389; Schedl 1935n: 639, 1939e: 333, 1952b: 385, 1960c: 6, 1972f: 102; Strohmeier 1912c: 4, 1914c: 33.

penicillatus Chapuis 1865: 64. Holotype ♂; Borneo (Sarawak); BMNH, London (Schedl 1960c: 7). Synonymy: Browne 1962c: 214.

References: (**ds**) Gemminger & Harold 1872: 2697; Sampson 1919: 105, 1928b: 389; Strohmeier 1912c: 4, 1914c: 33. (**tx**) Beeson 1937: 54, 56; Browne 1962c: 214; Chapuis 1865: 64; Sampson 1919: 105, 1928b: 389; Schedl 1960c: 7, 1972f: 214; Strohmeier 1912c: 4, 1914c: 33.

cinnamomi Beeson 1937: 97. Syntypes ♂; Bengal: Kalimpong division, Samsingh, 1800 m; FRI, Dehra Dun.

Distribution: Asia (Assam, Bengal, Uttar Pradesh in India).

Hosts: *Cinnamomum cecidodaphne*, *Ilex dipyrrena*.

References: (**cn**) Mathur & Singh 1960b: 63. (**ds**) Beeson 1941 (1961: 253); Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1960b: 63; Schedl 1969c: 55, 1972f: 110. (**tx**) Beeson 1937: 97–98; Schedl 1972f: 110, 1978a: 19.

cliens (Schedl) 1964g: 253 (*Platypus*). Holotype ♂; Sarawak, Merurong Plateau, 2350 ft.; BMNH, London.

Figures: Schedl 1972f: 110.

Distribution: Indonesia (Sarawak in Borneo).

Hosts: *Santiria* sp.

References: (**ds**) Browne 1980a: 372; Schedl 1972f: 111. (**tx**) Browne 1962c: 644; Schedl 1964g: 242, 253, 1972f: 110–111, 1978a: 20.

comatus Chapuis 1865: 59. Holotype ♀; Celebes (Macassar); BMNH, London (Schedl 1960c: 7).

Distribution: Asia (Malaya), Indonesia (Celebes), Philippine Islands.

References: (**cn**) Mesa 1931: 18. (**hb**) Browne 1935a. (**ds**) Beeson 1941 (1961: 253); Browne 1935a; Gemminger & Harold 1872: 2696; Nunberg 1964a: 237; Schedl 1966b: 83, 1972f: 102; Strohmeier 1912c: 4, 1914c: 33. (**tx**) Beeson 1937: 55; Chapuis 1865: 59; Nobuchi 1985: 328; Schedl 1960c: 7, 1972f: 102; Strohmeier 1911b: 26, 1912c: 4, 1914c: 33.

concaivifrons Schedl 1935b: 399. Syntypes ♀; Philippine Islands; Hamburg Museum, lost, and Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands.

References: (**ds**) Schedl 1966b: 83, 1972f: 112. (**tx**) Nobuchi 1985: 328; Schedl 1935b: 398–399, 1972f: 112.

concinus Blandford 1894c: 578. Holotype ♀; Japan: Higo; BMNH, London, automatic.

Distribution: Asia (Japan/Taiwan).

References: (**ds**) Blandford 1894c: 578; Murayama 1929a: 675, 1937c: 582, 1954b: 205; Nobuchi 1973b: 5; Schedl 1972f: 100; Strohmeier 1912c: 4, 1914c: 34. (**tx**) Lucas 1920: 209; Murayama 1925b: 235, 1954b: 205; Nobuchi 1973b: 5; Schedl 1934f: 1647, 1939b: 402, 1972f: 100; Strohmeier 1912c: 4, 1914c: 34. (**ms**) Lucas 1920: 209.

chapuisi Blandford 1894d: 129. Holotype ♀; Japan: Higo; BMNH, London, preoccupied by Duvivier 1891.

References: (**tx**) Blandford 1894d: 129, 1894c: 578.

coniferae Stebbing 1906: 411. Syntypes ♂ ♀; North-West Himalayas: Tehri Garhwal forest; FRI, Dehra Dun.

Distribution: Asia (Kashmir, Punjab, Uttar Pradesh in India).

Hosts: *Cedrus deodara*, *Picea morinda*.

References: (**cn**) Kleine 1932a: 310, 401; Roonwal 1954: 12; Stebbing 1914: 613. (**ec**) Beeson 1921b; Stebbing 1914: 613. (**hb**) Beeson 1916: 222; Kleine 1932a: 310, 401; Stebbing 1908a: 112, 1911a: 66, 1914: 613. (**ds**) Beeson 1921b: 21, 1961: 253; Bhasin, Roonwal, & Singh 1955; Kleine 1932a: 310, 401; Roonwal 1954: 12; Schedl 1969c: 56, 1972f: 104; Strohmeier 1912c: 5, 1914c: 35. (**tx**) Schedl 1972f: 104; Stebbing 1906: 411–413, 1910: 66, 1914: 613; Strohmeier 1912c: 5, 1914c: 35.

corrugatus Roberts 1989: 88. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; NHMW, Wien.

Distribution: New Guinea.

Hosts: *Aglaia* sp.

References: (**tx**) Roberts 1989: 88.

coxalis Schedl 1970a: 129. Holotype ♂; New Guinea, Porotop, Lutheran Mission Sawmill, Western Highlands District; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Nothofagus* sp., *Podocarpus* sp., *Syzygium* sp.

References: (**bv**) Gray, B. 1974b. (**hb**) Gray, B. 1974b. (**ds**) Schedl 1972f: 103. (**tx**) Schedl 1970a: 129–130, 1972f: 103, 1978a: 22.

dammanus Beeson 1937: 63. Holotype ♂; Damma Is., 92–20, 5944; BMNH, London.

Distribution: Indonesia (Damma, Moluccas).

Hosts: "Canari" log.

Notes: Browne 1981b: 606 (described female).

References: (**ds**) Schedl 1972f: 109. (**tx**) Beeson 1937: 63–64; Browne 1981b: 606; Schedl 1972f: 109.

decliviornatus (Schedl) 1942a: 205 (*Platypus*).
Lectotype ♂; Malaya, Perak, Trolak F.R.; Schedl
Collection in NHMW, Wien, designated by
Schedl 1978a: 23.

Distribution: Asia (Malaya).

Hosts: Rubiaceae sp., *Castanopsis sumatrana*.

Notes: (1) Browne 1962e: 643 (to *Crossotarsus*).

References: (ds) Browne 1961c: 229; Schedl 1972f:
106. (tx) Browne 1962e: 643; Schedl 1942a: 205,
1972f: 106, 1978a: 23.

denticulus Browne 1984f: 57. Holotype ♂; New
Guinea: Morobe District, Wau, Kumi Creek, 1500
m; BMNH, London.

Distribution: New Guinea.

References: (tx) Browne 1984f: 57.

denturus Browne 1984f: 55. Holotype ♂; New
Guinea: Morobe District, Mount Kaindi, 2350 m;
BMNH, London.

Distribution: New Guinea.

Hosts: *Nothofagus* sp.

References: (tx) Browne 1984f: 55.

derosus Schedl 1935j: 2. Holotype ♂; Sumatra,
Medan; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Java, Sumatra).

References: (ds) Schedl 1972f: 104. (tx) Beeson
1937: 77; Schedl 1935j: 2, 1938g: 422, 1972f: 104,
1978a: 24.

dolus Schedl 1975f: 373. Holotype ♂; Upper Manki
logging area, Bulolo, Morobe District, New
Guinea; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 373.

edentatus Beeson 1937: 90. Holotype ♂; Java: Mt.
Preanger, 1400 m; Buitenzorg Museum.

Distribution: Indonesia (Java).

Hosts: *Schima noronhai*.

References: (ds) Kalshoven 1960d: 36; Schedl
1972f: 112. (tx) Beeson 1937: 90; Schedl 1972f: 112.

emancipatus Murayama 1934f: 138. Syntypes ♂ ♀;
Kiushu; Murayama Collection in USNM, Wash-
ington.

Figures: Nobuchi 1973b: pl. 1.

Distribution: Asia (Japan/Taiwan).

Hosts: *Actinodaphne longifolia*, *Castanopsis
cuspidata*, *Glochidion hongkongense*, *Lindera
erythrocarpa*, *Machilus thunbergii*, *Mallotus
japonicus*, *Pasania cuspidata*, *Quercus salicina*.

References: (cn) Kleine 1932a: 401. (hb) Kleine
1932a: 401. (ds) Kleine 1932a: 401; Murayama
1934f: 138, 1936a: 140, 1937c: 582, 1954b: 206,
1955: 100; Nobuchi 1967: 25, 1973b: 5, 1977:
106; Schedl 1972f: 106. (tx) Beeson 1937: 84;
Murayama 1928a: 288, 1934f: 138, 1936a: 140,
1954b: 206, 1955: 100–101; Nobuchi 1973b: 5, pl.
1; Schedl 1972f: 106.

emorsus Beeson 1937: 87. Syntypes ♂ ♀; Burma:
Katha division, Mohnyin reserve; FRI, Dehra Dun.
Distribution: Asia (Burma), Indonesia (Borneo).

Hosts: *Bauhinia malabarica*, *Careya arborea*,
Sterculia ornata, *Tectona grandis*, *Xylia
dolabriformis*.

Notes: (3) A male type is labeled in the FRI
Collection (SLW).

References: (cn) Mathur & Singh 1961a: 70,
1961b: 13. (ds) Beeson 1941 (1961: 253); Bhasin,
Roonwal, & Singh 1958; Mathur & Singh 1961a:
70, 1961b: 13; Schedl 1972f: 107. (tx) Beeson
1937: 87–88; Schedl 1939e: 335, 1972f: 107.

externedentatus (Fairmaire) 1849: 78 (*Platypus*).

Holotype ♂; Taïti, M. Vesco; MNHN, Paris.

Figures: Nobuchi 1967: pl. 2, 1973b: pl. 1, Wood
1960a: 7–8.

Distribution: Africa (Mauritius Island/ Seychelles
Islands/ South Africa/ Tanzania), Asia (Burma/
Andaman Islands, Assam, Bengal, Karnataka,
Tamil Nadu in India/ Japan/ Malaya/ Sri Lanka/
Taiwan/ Thailand/ Tonkin Island in Vietnam), Aus-
tralia (W Australia), Bismarck Islands, Fiji Islands,
Hawaiian Islands, Indonesia (Borneo, Celebes,
Java, Sumatra), Madagascar, Mangareva, Micro-
nesia (Caroline Islands, Cook Islands, Kiribati
Islands, Palau), Moorea Island, New Zealand,
Niue Island, Philippine Islands (Luzon), Raoul
Island, Samoan Islands, Society Islands, Tahiti.

Hosts: Anonymous 1970c, Beeson 1937: 73, 1941
(1961: 254–255) (many hosts listed), Browne
1961c (many hosts listed), Schedl 1962: 678–680
(41 host species listed). *Bauhinia* sp., *Buchananina*
sp., *Butea monosperma*, *Canarium euphyllum*,
Cassia spp., *Castanopsis cuspidata*, *C. tribuloides*,
Casuarina equisetifolia, *Cedrela odorata*,
Cinnamomum camphora, *Cryptomeria japonica*,
Ficus retusa, *Heritiera fomes*, *Leucaena glauca*,
Machilus thunbergii, *Odina wodier*, *Quercus* sp.,
Shorea spp., *Terminalia tomentosa*.

Notes: (3) Fairmaire 1850: 51 (redescribed).
Wood 1992b: 91 and others have considered
Diapus talurae Stebbing as a synonym; however,
the holotype was found and *talurae* was trans-
ferred to *Genyocerus* (SLW).

References: (bv) Gray, B. 1974b; Roberts 1977c.
(cn) Anonymous 1967s, 1970c: 11; Beaver 1988a:
69; Geyer 1960; Pierce, J. R., Wood, & Fujii 1977:
17; Roberts 1977b: 555, 1977c. (ec) Scott &
Dutoit 1970; Walt & Scott 1971a, 1971b; Walt,
Scott, & van der Klift 1971a: 458, 1971b: 464.
(hb) Beaver 1976b: 544, 1988a: 69; Beeson 1929;
Gray, B. 1974b; Roberts 1977b: 55, 1977c; Schedl
1962k: 674, 1977b: 235. (ds) Anonymous 1967s,
1970c: 11; Barber 1919: 53–60; Beaver 1976b:
544, 1987b: 65, 1988a: 69, 1990b: 150; Beaver &
Browne 1975: 303, 1978: 615; Beaver & Maddi-
son 1990: 1372; Beeson 1915: 297–298, 1929:
218, 1935a: 115, 1935b, 1937: 72–73, 1938b: 295,
1940: 191; Browne 1949: 74, 1966: 241, 1980a:
372, 1980c: 485; Chapuis 1865; Dumbleton 1954:
25, 184; Dupont 1916: 20–22; Gemminger &

Harold 1872: 2696; Lacordaire 1866: 390; Lever 1943a: 82; Miwa 1931: 266; Murayama 1925a: 203, 1929a: 676, 1937c: 582; Nobuchi 1967: 25, 1973b: 5, 1977: 108; Ohno, Yoneyama, & Nakazawa 1982a, 1982b, 1987a: 95, 1987b: 89; Ohno, Yoshioka, et al. 1988b: 97, 1989: 64; Pierce, J. R., Wood, & Fujii 1977: 17; Roberts 1977b: 555; Roonwal 1954: 36; Schedl 1934f: 1647, 1960c: 10, 1961e: 128, 1962b: 187, 1962i: 77, 1962k: 674, 1964c: 305, 1964d: 212, 1965a: 340, 1965g: 23, 1966b: 84, 1969a: 206, 1969c: 56, 1969d: 4, 7, 9, 1970d: 234, 1970h: 179, 1971a: 281, 1972b: 266, 1972f: 111, 1974c: 262, 1975k: 278, 1977b: 235; Strohmeier 1911f: 204, 1912c: 5, 1914c: 35; Swezey 1941: 124, 126, 1954: 14, 78, 112, 198; Wood, S. L. 1960a: 7; Zimmerman 1941: 176. **(tx)** Beeson 1929: 218, 1935a: 115, 1935b, 1940; Browne 1962e: 644; Chapuis 1865: 81–82; Fairmaire 1847: 78, 1850: 51, 1866: 81; Lacordaire 1866: 390; Murayama 1925a: 203–204, 1925b: 235; Nobuchi 1967: pl. 2, 1972b: 5, 1973b: pl. 1, 1985: 328; Perkins 1900: 181; Powell, W. 1987: 28; Schedl 1934f: 1647, 1937d: 34, 1939b: 398, 1941e: 153, 1941f: 116, 1948c: 665, 1950f: 35, 41, 1951k: 141, 1952j: 6, 1953b: 124, 1953d: 70–71, 1955b: 286, 1957b: 150–152, 1960c: 10–11, 1962k: 674–675, 1964d: 212, 1972f: 111, 1972p: 156; Sharp (in Perkins) 1900: 173, 182; Sharp & Muir 1912: 572; Stebbing 1914: 628–630; Strohmeier 1911f: 204, 1912c: 5, 1914c: 11, 35; Wood, S. L. 1960a: 7–8, 1992b: 91 (error, Note 3 above). **(ms)** Roberts 1977c.

saundersi Chapuis 1865: 80. Syntypes ♂ ♀; Celebes, Borneo; 3 ♂, 2 ♀ in BMNH, London, 1 ♂ IRSNB, Brussels (Schedl 1960c: 10). Synonymy: Schedl 1972f: 111.

References: **(bv)** Beeson 1917; Bletchly 1961: 15. **(cn)** Anonymous 1970c: 11; Beeson 1919: 1–23, 1938a; Browne 1952; Kalshoven 1924c: 310; Lever 1940a: 38, 1943a: 14, 1946: 4; Mathur & Singh 1960a: 45, 1960b: 6, 1960c: 3, 1961a: 5, 1961b: 13; Roonwal 1954: 33; Sen-Sarma & Thakur 1986: 37; Stebbing 1914: 617; Yunus & Hua 1980: 216. **(ec)** Beeson 1921b: 22, 1923; Bhatia 1950; Browne 1958b; Stebbing 1914: 617. **(hb)** Beeson 1915b: 298, 1916a: 222, 1917, 1923, 1933, 1938a; Browne 1935a, 1941, 1958b, 1961c: 218; Kalshoven 1924c, 1960c: 42, 1960d: 1; Kleine 1932a: 310, 401; Speyer 1923: 22; Stebbing 1914: 617. **(ds)** Anonymous 1970c: 11; Beeson 1915b, 1916a: 1–5, 1921b: 22, 1923, 1933: 9, 1935: 539–543, 1938a, 1941 (1961: 254); Bhasin, Roonwal, & Singh 1958; Bhatia 1950; Blandford 1895a, 1898a; Browne 1935a, 1961a: 316, 1961c: 218, 1966: 241, 1980a: 372; Gemminger & Harold 1872: 2697; Kalshoven 1924b: 357; Kleine 1932a: 310, 401; Lever 1940a: 38–42, 1940b: 99, 1941: 80, 1942: 23, 1943a: 14, 1945: 367–377; Mathew 1982, 1987: 188; Mathur & Singh

1960a: 45, 1960b: 6, 1960b: 3, 1961a: 5, 1961b: 13; Ohno, Yoneyama, & Nakazawa 1982b: 9; Roonwal 1954: 33; Sampson 1928a: 2, 1928b: 390; Schedl 1936d: 6, 1936j: 21, 1937f: 15, 1948c: 665, 1950f: 41, 1953b: 124, 1959a: 513, 1971a: 279; Speyer 1923: 11–23; Strohmeier 1912c: 6, 1914c: 35. **(tx)** Beeson 1933, 1937: 37, 72; Browne 1962e: 644; Chapuis 1865: 80; Gardner 1932b; Murayama 1925: 203; Sampson 1924b: 89, 1926: 120, 1928a: 2, 1928b: 390; Schedl 1935n: 640, 1936e: 43, 1937d: 34, 1939e: 334, 1941c: 354, 1942a: 172, 206, 1942c: 163–164, 1954a: 145, 1959a: 513, 1960c: 10, 1964g: 253, 1972f: 111; Stebbing 1914: 617; Strohmeier 1912c: 6, 1914c: 35, 1914f: 8.

heritiera Stebbing 1906: 420 (*Diapus*). Syntypes ♂ ♀; India, Bengal: Backerganj District, Wazirpur, Sunderbans; FRI, Dehra Dun. Synonymy: Beeson 1915: 298.

References: **(cn)** Stebbing 1914: 628. **(ec)** Stebbing 1914: 628. **(hb)** Stebbing 1914: 628. **(ds)** Strohmeier 1912c: 22, 1914c: 47. **(tx)** Stebbing 1914: 628; Strohmeier 1912c: 22, 1914: 47.

posticus Broun 1909: 301 (*Platypus*). Holotype ♀; Raoul Island (New Zealand); Broun Collection (damaged). Synonymy: Schedl 1972f: 111.

References: **(tx)** Broun 1909: 301; Schedl 1972f: 111, 1972p: 156.

saundersi usambariensis Strohmeier 1911: 182. Syntypes ♂ ♀; Usambara; IPKE, Eberswalde. Synonymy: Schedl 1972f: 111.

References: **(hb)** Strohmeier 1911a: 182. **(tx)** Schedl 1972f: 111; Strohmeier 1911a: 182.

saundersi submontanus Beeson 1937: 72. Syntypes ♂ ♀; India, Burma, Ceylon, United Provinces: Dehra Dun division, 2000–2500 ft.; FRI, Dehra Dun. Synonymy: Schedl 1972f: 111.

References: **(cn)** Mathur & Singh 1960b: 6, 1960c: 6, 1961a: 32, 1961b: 26; Sen-Sarma & Thakur 1986: 37. **(ds)** Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1960b: 6, 1960c: 6, 1961a: 32, 1961b: 26. **(tx)** Beeson 1937: 72; Schedl 1972f: 111.

nilgircus Beeson 1937: 73. Syntypes, ♂ ♀; Madras: Nilgiris, Coonoor Valley; FRI, Dehra Dun. Synonymy: Schedl 1972f: 111.

References: **(ds)** Bhasin, Roonwal, & Singh 1958; Mathew 1982, 1987: 188. **(tx)** Beeson 1937: 73; Schedl 1972f: 111.

externespinulosus (Schedl) 1942a: 206 (*Platypus*). Holotype ♂; Malaya: Pahang, Rotan Tunggal F.R.; Schedl Collection, lost, authentic examples in BMNH, London.

Distribution: Asia (Malaya).

Notes: (1) Browne 1961c: 220, 1962e: 644 (to *Crossotarsus*).

References: **(ds)** Browne 1961c: 220; Schedl 1972f:

111. **(tx)** Browne 1962c: 644; Schedl 1942a: 206, 1972f: 111, 1978a: 29.
- fagacearum** Browne 1975: 303 in Beaver & Browne. Holotype ♂; Thailand: Chiang Mai, Doi Pui, 1450 m; BMNH, London.
Distribution: Asia (Thailand).
Hosts: *Castanopsis* cf. *acuminatissima*, *Quercus* sp.
References: **(tx)** Beaver & Browne 1975: 303–304.
- fairmairei** Chapuis 1865: 79. Syntypes ♂; Inde: 1 ♂ in BMNH, London, 3 ♂ in IRSNB, Brussels (Schedl 1960c: 10).
Distribution: Asia (Punjab, Uttar Pradesh in India/ Japan/ Sri Lanka).
Hosts: *Abies pindrow*, *Cedrus deodara*, *Juglans regia*, *Pinus excelsa*, *Quercus incana*, *Q. semicarpifolia*.
References: **(cn)** Kleine 1932a: 310, 401; Mathur & Singh 1960b: 80; Roonwal 1954: 17, 29; Stebbing 1914: 617. **(ec)** Beeson 1921b: 21; Stebbing 1914: 617. **(hb)** Kleine 1932a: 310, 401; Stebbing 1914: 617. **(ds)** Beeson 1921b: 21, 1937: 73–74, 1961: 253; Bhasin, Roonwal, & Singh 1958; Gemminger & Harold 1872: 2697; Kleine 1932a: 310, 401; Mathur & Singh 1960b: 80; Nobuchi 1973b: 6; Roonwal 1954: 17, 29; Schedl 1969c: 56, 1972f: 104; Strohmeier 1911f: 203, 1912c: 5, 1914c: 35. **(tx)** Beeson 1937: 73–74; Chapuis 1865: 79; Nobuchi 1973b: 6; Sampson 1919: 110; Schedl 1960c: 10, 1972f: 104; Stebbing 1914: 617; Strohmeier 1912c: 5, 1912d: 42, 1914c: 35.
- flavomaculatus** Strohmeier 1912: 40. Holotype ♂; Hoozan in Formosa, Philippinen; MNB, Berlin. Figures: Nobuchi 1967a: pl. 2, 1973b: pl. 1.
Distribution: Asia (China ?/ Japan/ Malaya/ Taiwan), Indonesia (Java), Philippine Islands.
Hosts: *Quercus glauca*.
References: **(hb)** Murayama 1931b: 199. **(ds)** Miwa 1931: 266; Murayama 1925a: 205, 1931b: 199, 1934f: 138, 1937c: 581, 1954b: 206, 1955: 100; Nobuchi 1967: 25, 1973b: 7; Schedl 1966b: 84, 1972f: 104; Strohmeier 1912c: 5, 1914c: 35. **(tx)** Murayama 1925a: 205–206, 1925b: 235, 1954b: 206, 1955: 100–101; Nobuchi 1967: pl. 2, 1973b: 7, pl. 1, 1985: 328; Schedl 1934f: 1647, 1972f: 104; Strohmeier 1912c: 5, 1912d: 40–41, 1914c: 35.
- fluminalis** Beeson 1937: 57. Holotype ♀; New Guinea: N.N. Guinea Exped., Albatros Bivak V, Mambramo; Buitenzorg Museum.
Distribution: New Guinea.
References: **(ds)** Schedl 1972f: 102. **(tx)** Beeson 1937: 57–58; Schedl 1972f: 102.
- forcipes** Schedl 1975f: 374. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1975f: 374.
- formosanus** Strohmeier 1912: 41. Syntypes ♂ ♀: Kosempo (Formosa); 2 ♂, 1 ♀ in MNB, Berlin, some in Strohmeier Collection.
Distribution: Asia (Taiwan).
References: **(ds)** Murayama 1925a: 206, 1929a: 676, 1937c: 582; Nobuchi 1967: 26; Schedl 1972f: 111; Strohmeier 1912c: 5, 1914c: 35. **(tx)** Murayama 1925a: 206–207, 1925b: 235, 1928a: 287–288; Schedl 1972f: 111; Strohmeier 1912c: 5, 1912d: 40–41, 1914c: 35.
- fractus** Sampson 1912: 249. Holotype ♂; Borneo: Kuching, Sarawak; BMNH, London.
Distribution: Asia (Assam in India/ Malaya), Bismarck Islands, Indonesia (Borneo, Java, Sumatra), Philippine Islands (Luzon).
Hosts: *Azizia palembanica*, *Albizia procera*, *Dalbergia latifolia*, *Dryobalanops oblongifolia*, *Eucalyptus* sp., *Grewia* sp., *Palaquium stellatum*, *Quercus* sp., *Styrax benzoin*, *Sucietenia macrophylla*.
Notes: (3) Schedl 1935k: 483 (described female), 1972f: 107 (treated as a subspecies of *squamulatus*).
References: **(cn)** Browne 1938b. **(hb)** Browne 1935a, 1941, 1961c: 227; Kalshoven 1960c: 45. **(ds)** Beeson 1937, 1941 (1961: 254); Browne 1935a, 1961c: 227, 1966: 242, 1980b: 381; Kalshoven 1960c: 45; Ohno, Yoneyama, & Nakazawa 1987b: 89; Schedl 1936d: 6, 1936j: 6, 21, 1938g: 421, 1966b: 87, 1972f: 107; Strohmeier 1914c: 35. **(tx)** Beeson 1937: 79, 81; Nobuchi 1985: 328; Sampson 1912: 249–250, 1919: 106; Schedl 1935k: 483, 1936e: 44–45, 1939e: 334–335, 1941c: 354, 1952b: 366, 1972f: 107, 1978a: 31; Strohmeier 1914c: 35.
- gressitti** Schedl 1972i: 53. Holotype ♂; New Guinea, Papua, Western District, Oriomo Gov. Station; BPBM, Honolulu.
Distribution: New Guinea.
References: **(ds)** Schedl 1972f: 104. **(tx)** Schedl 1972f: 104, 1972i: 53, 1978a: 34.
- hastatus** (Schedl) 1942c: 194 (*Platytypus*). Holotype ♂; Neu-Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(ds)** Schedl 1968f: 535, 1972f: 111. **(tx)** Browne 1962e: 643; Schedl 1942c: 194, 1972f: 111, 1978a: 35.
- hebridensis** Beeson 1937: 71. Holotype ♂; New Hebrides: Aneityum; BMNH, London.
Distribution: New Hebrides Islands.
References: **(ds)** Beeson 1938b: 295; Schedl 1972f: 111. **(tx)** Beeson 1937: 71–72; Schedl 1972f: 111.
- horni** Schedl 1934a: 247. Lectotype ♂; Kerhamanab, Java, Bandoeng; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 35.
Hosts: *Acacia decurrens*, *Cinchona ledgeriana*, *Horsfieldia* cf. *glabra*, *Quercus* sp.
Distribution: Indonesia (Java).
References: **(ds)** Kalshoven 1960d: 40; Schedl 1934a: 247, 1972f: 111. **(tx)** Beeson 1937: 68;

- Browne 1962e: 644; Schedl 1934a: 247, 1939e: 333, 1941c: 354, 1942a: 204, 1963j: 486, 1972f: 111, 1978a: 35.
- biceps* Beeson 1937: 67. Syntypes ♂ ♀; Java: G. Slamet, Batoerraden; Buitenzorg Museum. Synonymy: Schedl 1939e: 333. References: (tx) Beeson 1937: 67–68, 71; Browne 1962e: 644; Schedl 1939e: 333, 1972f: 111.
- inaequidens* Browne 1984c: 456. Holotype ♂; Kaonasugo (Solomon Islands) to Nagoya (Japan), imported; BMNH, London. Distribution: Solomon Islands. Hosts: *Pometia* sp. References: (ds) Ohno, Yoshioka, et al. 1988b: 97. (tx) Browne 1984c: 456.
- indomitus* Chapuis 1865: 84. Holotype ♀; Moluques, de l'île Morty; BMNH, London (Schedl 1960c: 11). Distribution: Asia (Malaya), Australia, Indonesia (Moluccas). References: (ds) Gemminger & Harold 1872: 2697; Schedl 1972f: 111; Strohmeier 1912c: 5, 1914c: 35. (tx) Chapuis 1865: 84; Schedl 1960c: 11, 1972f: 111; Strohmeier 1912c: 5, 1914c: 35.
- cavifrons* Blandford 1896b: 192. Syntypes 2 ♂; Gilolo [Moluccas]; BMNH, London. Synonymy: Schedl 1978a: 111. References: (cn) Smith, J. H. 1935: 3. (ec) Smith, J. H. 1935: 3. (ds) Smith, J. H. 1935: 3; Strohmeier 1912c: 5, 1914c: 35. (tx) Blandford 1896b: 192; Schedl 1960c: 11, 1972f: 111; Strohmeier 1912c: 5, 1914c: 35.
- inermis* Schedl 1937d: 33. Lectotype ♂; West-Sumatra, Padang-Pandjang and Sudost-Borneo; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 37. Distribution: Asia (Malaya/ Thailand), Indonesia (Borneo, Mentawai, Sumatra). Hosts: *Azelia palembanica*, *Aglaia* sp., *Grewia* sp., *Koompassia excelsa*, *Parkia speciosa*, *Parinarium griffithianum*, *Sterculia macrophylla*. References: (ds) Beaver & Browne 1975: 304; Schedl 1971f: 150, 1972f: 102. (tx) Schedl 1936e: 43, 1937d: 33, 1962p: 209, 1972f: 102, 1978a: 37.
- foederatus* Beeson 1937: 53. Holotype ♂; Federated Malay States; Perak; FRI, Dehra Dun. Synonymy: Schedl 1962p: 209. References: (cn) Browne 1949e. (hb) Browne 1941, 1961c: 223. (ds) Browne 1961c: 223. (tx) Beeson 1937: 53–54; Schedl 1962p: 209, 1972f: 102.
- intermedius* Chapuis 1865: 69. Holotype ♀; des îles Celebes (Macassar); BMNH, London. Distribution: Indonesia (Celebes), New Guinea. References: (ds) Gemminger & Harold 1872: 2697; Schedl 1972a: 103; Strohmeier 1912c: 4, 1914c: 33. (tx) Chapuis 1865: 69; Schedl 1960c: 8, 1972f: 103; Strohmeier 1912c: 4, 1914c: 33.
- javanus* Beeson 1937: 51. Syntypes 1 ♂, 1 ♀; Java: Soekaboeni; FRI, Dehra Dun. Distribution: Indonesia (Java, Sumatra), New Guinea. Hosts: *Albizzia sumatrana*, *Celtis wrightia*, *Dalbergia latifolia*, *Eucalyptus* sp., *Hevea brasiliensis*, *Pometia tomentosa*. References: (hb) Kalshoven 1960c: 44. (ds) Kalshoven 1960c: 44; Schedl 1971c: 367, 1971f: 150, 1972f: 102. (tx) Beeson 1937: 51–52; Schedl 1961c: 74, 1972f: 102.
- keyensis* Strohmeier 1913: 163. Syntypes ♂; Key-Inseln; SMTD, Dresden, and IPKE, Eberswalde. Distribution: Indonesia (Key Island), New Guinea. References: (ds) Schedl 1972f: 102; Strohmeier 1914c: 34. (tx) Schedl 1937d: 34, 1941e: 152, 1972f: 102, 1978a: 39; Strohmeier 1913: 163–164, 1914c: 34.
- kondulensis* Beeson 1937: 86. Syntypes ♂ ♀; Nicobars: Little Nicobar; FRI, Dehra Dun. Distribution: Asia (Nicobar Islands in India). References: (ds) Schedl 1972f: 106. (tx) Beeson 1937: 86–87; Schedl 1939e: 335, 1972f: 106.
- lacordairei* Chapuis 1865: 85. Syntypes 2 ♂; Nouvelle-Guinée; BMNH, London (Schedl 1960c: 11). Distribution: Bismarck Islands, Indonesia (Aru), New Guinea, New Ireland. References: (ds) Browne 1966: 241; Gemminger & Harold 1872: 2697; Nobuchi 1977: 106; Ohno, Yoneyama, & Nakazawa 1987a: 95; Ohno, Yoshioka, et al. 1989: 64; Schedl 1936g: 514, 1972f: 106; Strohmeier 1914c: 35. (tx) Chapuis 1865: 85; Lucas 1920: 209; Schedl 1937d: 34–35, 1960c: 11, 1969b: 222, 1972f: 106; Strohmeier 1914c: 35.
- laevigatus* Chapuis 1865: 70. Syntypes 2 ♀; Iles Molucques (Batchian); BMNH, London. Distribution: Indonesia (Moluccas). References: (ds) Gemminger & Harold 1872: 2697; Schedl 1972f: 103; Strohmeier 1912c: 4, 1914c: 34. (tx) Chapuis 1865: 70; Schedl 1960c: 9, 1972f: 103; Strohmeier 1912c: 4, 1914c: 34.
- laratensis* Beeson 1937: 56. Syntypes ♂ ♀; Larat Is.; 1 ♂, 3 ♀ in BMNH, London. Distribution: Indonesia (Larat Island), Philippine Islands. References: (ds) Nobuchi 1977: 104, 1980a; Ohno, Yoneyama, & Nakazawa 1987b: 89; Schedl 1966b: 84, 1966g: 34, 1972f: 102. (tx) Beeson 1937: 56–57; Nobuchi 1985: 328; Schedl 1972f: 102.
- lecontei* Chapuis 1865: 60. Syntypes ♂ ♀; l'île de Luçon; 2 ♂, 1 ♀ in BMNH, London, 2 ♂, 1 ♀ in IRSNB, Brussels, 1 ♀ in MNB, Berlin (Schedl 1960c: 7). Distribution: Asia (Vietnam), Philippine Islands (Luzon). References: (ds) Baer 1886; Browne 1966: 239–240, 1986c: 663; Gemminger & Harold 1872: 2697; Lacordaire 1866: 389; Mesa 1935: 96;

- Nobuchi 1977: 104, 1979a: 407; Ohno, Yoneyama, & Nakazawa 1987b: 89; Schedl 1938g: 421, 1966b: 85, 1971f: 150, 1972f: 102, 1974c: 262; Strohmeyer 1912c: 4, 1912e: 251, 1914c: 33. **(tx)** Beeson 1937: 56–57; Chapuis 1865: 60; Hopkins 1914c: 183, 191; Lacordaire 1866: 389; Nobuchi 1985: 328; Schedl 1933e: 105, 1935n: 639, 1937d: 33, 1939b: 392, 1952b: 365, 1960c: 7, 1972f: 102; Strohmeyer 1911b: 17, 1912c: 4, 1912e: 251, 1914c: 33.
- longicollis Browne** 1950b: 649. Holotype ♂; Malaya: Selangor, Kepong; BMNH, London. Distribution: Asia (Malaya). Hosts: *Castanopsis sumatrana*, *Lithocarpus wallichianus*, *Pasania sundaica*. References: **(hb)** Beaver & Browne 1978: 615; Browne 1961c: 221. **(ds)** Beaver & Browne 1978: 615; Browne 1961c: 221; Schedl 1972f: 111. **(tx)** Browne 1950b: 649, 1962c: 213, 1962e: 644; Schedl 1972f: 111.
- longicornis (Schedl)** 1942c: 196 (*Platypus*). Holotype ♂; Neu-Guinea; Schedl Collection in NHMW, Wien. Distribution: New Guinea. Hosts: *Myristica* sp. Notes: (3) Schedl 1972i: 65 (described female). References: **(ds)** Schedl 1972f: 111. **(tx)** Schedl 1942c: 196, 1972f: 111, 1972i: 65, 1978a: 41.
- machili Beeson** 1937: 76. Syntypes ♂ ♀; Bengal: Darjeeling division, Debrepani, 6000 ft.; FRI, Dehra Dun. Distribution: Asia (Bengal in India). Hosts: *Machilus odoratissima*, *Mallotus roxburghianus*, *Symplocos theaeifolia*. References: **(cn)** Mathur & Singh 1961a: 83. **(ds)** Beeson 1941 (1961: 265); Mathur & Singh 1961a: 83; Schedl 1972f: 104. **(tx)** Beeson 1937: 76–77; Schedl 1972f: 104, 1978a: 42.
- majusculus Sampson** 1924b: 89. Syntypes ♂ ♀; New Guinea, Mamberamo River; Buitenzorg Museum? Distribution: New Guinea. References: **(ds)** Schedl 1936g: 514, 1968f: 535, 1972f: 112. **(tx)** Sampson 1924b: 89; Schedl 1937d: 34, 1940b: 434–435, 1941e: 153, 1942a: 213, 1942c: 165, 201, 1972f: 112, 1978a: 42.
- abdominalis Schedl** 1969b: 220. Holotype ♂; New Guinea: Karamui, Chimbu District; CSIRO, Canberra. Synonymy: Schedl 1972f: 112. References: **(tx)** Schedl 1969b: 220–221, 1972f: 112.
- minax (Walker)** 1856: 286 (*Platypus*). Holotype ♂; Ceylon; BMNH, London. Distribution: Asia (Karnataka, Tamil Nadu in India/Sri Lanka). Hosts: *Anacardium occidentale*, *Buchanania lanzan*, *Butea monosperma*, *Calycopteris floribunda*, *Dalbergia latifolia*, *Eugenia* sp., *Gluta travancorica*, *Hevea brasiliensis*, *Lagerstroemia*

lanceolata, *Mangifera indica*, *Pterocarpus marsupium*, *Salmaalial malabarica*, *Semicarpus gardneri*, *Spondias mangifera*, *Swietenia macrophylla*, *Tectona grandis*, *Terminalia arjuna*, *T. bellerica*, *T. paniculata*, *T. tomentosa*, *Theobroma cacao*, *Wormia triquetra*, *Xylocarpus*.

Notes: (1) The Walker 1856 article was not seen by us; this species was also named as new in Walker 1859: 260.

References: **(cn)** Holmes 1947: 3, 109; Kleine 1932a: 310, 401; Mathur & Singh 1960b: 14, 1960c: 4, 1961a: 13, 1961b: 13; Roonwal 1954: 67. **(ec)** Beeson 1921b: 22; Chatterjee & Chatterjee 1951. **(hb)** Beeson 1933: 9; Chatterjee & Chatterjee 1951; Kleine 1932a: 310, 401; Speyer 1923: 22. **(ds)** Beeson 1921b, 1933: 9, 1941 (1961: 254); Bhasin, Roonwal, & Singh 1958; Chapuis 1865: 71–73; Chatterjee & Chatterjee 1951; Gemminger & Harold 1872: 2697; Holmes 1947: 109; Kleine 1932a: 310, 401; Lacordaire 1866: 390; Mathur & Singh 1960b: 14, 1960c, 1961a: 13, 1961b: 13; Roonwal 1954: 67; Schedl 1969c: 55, 1971a: 279, 1971f: 150, 1972f: 100, 1975e: 452; Strohmeyer 1912c: 4, 1914c: 34. **(tx)** Beeson 1933: 9; Chapuis 1865: 71; Gardner 1932b; Lacordaire 1866: 390; Lucas 1920: 209; Schedl 1937d: 34, 1939b: 402, 1959a: 515, 1960c: 9, 1972f: 100; Strohmeyer 1912c: 4, 1914c: 34; Walker 1856: 286, 1859: 260–261. **(ms)** Lucas 1920: 209.

minusculus Chapuis 1865: 68. Syntypes ♂; Nouvelle-Guinee; 1 in BMNH, London, 1 in IRSNB, Brussels (Schedl 1960c: 8).

Distribution: Asia (Malaya), Bismarck Islands, Bougainville Island, Indonesia (Sumatra), New Guinea, New Ireland.

Hosts: *Terminalia complanata*, *Xylocarpus gangeticum*.

References: **(hb)** Browne 1961c: 224. **(ds)** Browne 1961c: 224, 1981b: 599; Gemminger & Harold 1872: 2697; Ohno, Yoshioka, et al. 1988b: 97, 1989: 65; Schedl 1972f: 103; Strohmeyer 1912c: 4, 1914c: 34. **(tx)** Browne 1955: 365; Chapuis 1865: 68; Schedl 1960c: 8, 1972f: 103; Strohmeyer 1912c: 4, 1914c: 34.

inornatus Chapuis 1865: 68. Syntypes 2 ♀; Nouvelle-Guinee (Dorey); BMNH, London (Schedl 1960c: 8). Synonymy: Browne 1955: 365.

References: **(ds)** Gemminger & Harold 1872: 2697; Strohmeyer 1912c: 4, 1914c: 33. **(tx)** Browne 1955: 365; Chapuis 1865: 11; Schedl 1960c: 8, 1972f: 103; Strohmeyer 1912c: 4, 1914c: 33.

minusculus grandis Schedl 1975: 374. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien.

Notes: (3) This appears to be no more than a size variant.

References: **(tx)** Schedl 1975f: 374.

- novaeguineensis* Roberts 1989: 90. Holotype ♂: New Guinea: Papua, Bulolo; NHMW, Wien.
References: (tx) Roberts 1989: 90.
- mniszewski Chapuis** 1865: 62. Syntypes ♂ ♀; Iles de la Nouvelle Guinee, d'Arou, de Celebes; 4 ♂, 2 ♀ in BMNH, London, 3 ♂ in IRSNB, Brussels (Schedl 1960c: 7).
Distribution: Asia (Malaya), Australia, Bismarck Islands, Indonesia (Aru, Celebes, Key Island), Fergusson Island, New Britain Island, New Guinea, New Ireland, Philippine Islands.
Hosts: *Antidesma* sp., *Cananga odorata*, *Dracontomelon* sp., *Maniltoa* sp., *Pangium* sp., *Polyalthia* sp., *Pometia pinnata*, *Vitex* sp.
References: (cn) Gray, B. & Wylie 1974; Smith, J. H. 1935: 3. (ec) Smith, J. H. 1935: 3. (hb) Gray, B. 1968: 307; Gray, B. & Wylie 1974. (ds) Browne 1966: 239, 1980a: 372, 1980c: 484, 1984c: 449; Gemminger & Harold 1872: 2697; Gray, B. 1968: 307; Schedl 1936g: 513, 1962i: 73, 1966b: 85, 1972f: 102, 1979a: 159; Smith, J. H. 1935: 3; Strohmeier 1912c: 4, 1914c: 33. (tx) Beeson 1937: 57–58; Browne 1964: 758; Chapuis 1865: 62; Lea 1910: 133; Nobuchi 1985: 328; Sampson 1924b: 89; Schedl 1936e: 43, 1937d: 33, 1939b: 384, 394, 1940b: 434–435, 1941e: 53, 1942c: 164, 1952b: 365, 1955b: 282, 1958i: 215, 1960c: 7, 1969b: 221, 1972f: 102; Strohmeier 1912c: 4, 1914c: 33; Wylie & Yule 1977.
- moluccanus Schedl** 1961c: 74. Holotype ♂; Ternate; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Ternate in Moluccas).
References: (ds) Schedl 1961c: 74, 1965g: 23, 1972f: 102. (tx) Schedl 1961c: 74, 1972f: 102, 1978a: 45.
- motui Schedl** 1973f: 76. Holotype ♂; Pengagl, Camp east slopes Mt. Wilhelm, Chimbu District, 2770 m; AMNH, New York.
Distribution: New Guinea.
References: (tx) Schedl 1973f: 76–77.
- mussooriensis Beeson** 1937: 84. Holotype ♂; United Provinces: Mussoorie, Mackinnon Park, 6500 ft.; FRI, Dehra Dun.
Distribution: Asia (Uttar Pradesh in India).
Hosts: *Cedrela serrata*.
Notes: (3) Schedl 1972f: 107 (treated as a subspecies of *terminatus*).
References: (ds) Beeson 1941 (1961: 254); Bhasin, Roonwal, & Singh 1958. (tx) Beeson 1937: 84–85; Schedl 1939e: 355, 1972f: 107.
- nakazawai Browne** 1986b: 342. Holotype ♂; New Guinea: Fakfak to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: *Pometia* sp.
References: (tx) Browne 1986b: 342.
- nepalensis Schedl** 1973b: 212. Holotype ♂; Nepal, Phulchoki b. Kathmandu; Schedl Collection in NHMW, Wien.
- Distribution: Asia (Bhutan/ Nepal).
References: (ds) Schedl 1975c: 384. (tx) Schedl 1973b: 212, 1978a: 46.
- niponicus Blandford** 1894d: 130. Syntypes (many) ♂ ♀; Sapporo and Hakodate in Yezo, also Miyanoshta, Yuyama, etc., and in Kiushiu, Japan; BMNH, London.
Figures: Nakane et al. 1963: pl. 192, Nakashima 1975: 15, 1979: pl. 1, Nobuchi 1973b: pl. 1.
Distribution: Asia (Japan/ Taiwan).
Hosts: *Acer mono*, *A. palmatum*, *Aesculus turbinata*, *Alnus japonica*, *Carpinus laxiflora*, *C. tschonoskii*, *Castanea crenata*, *Clethra barbinervis*, *Euonymus alatus*, *Euptelea polyandra*, *Fagus crenata*, *F. japonica*, *Fraxinus mandshurica* var. *japonica*, *Kalopanax septemlobus*, *Lindera erythrocarpa*, *Machilus thunbergii*, *Magnolia obovata*, *Phellodendron amurense*, *Pterocarya rhoifolia*, *Quercus mongolica* var. *grosseserrata*, *Q. myrsinaefolia*, *Q. salicina*, *Styrax japonica*, *Tilia japonica*, *Tsuga sieboldii*, *Zelkova serrata*.
Notes: (1) The type of *Genjocerus adustipennis* Motschulsky was examined at Moscow in 1968 and, in all probability, is of this species; because no material was available for comparison, synonymy should be confirmed before it is accepted (SLW).
References: (ay) Nakashima 1971, 1975: 4, 1978. (cn) Anonymous 1980g; Kleine 1932a: 401; Uchida et al. 1958: 181; Yazawa, Higochi, & Machii 1957: 1–56. (ec) Banno, Mikata, & Kodama 1983: 445; Inouye et al. 1955: 118; Nakashima 1971, 1975: 4, 1978, 1979; Nakashima, Goto, & Iizuka 1987. (hb) Inouye et al. 1955: 118; Kleine 1932a: 401; Murayama 1931b: 199; Nakashima 1971, 1975: 7. (ds) Anonymous 1980g; Blandford 1894c; Kleine 1932a: 401; Miwa 1931: 266; Murayama 1925a: 207, 1929a: 678, 1931b: 199, 1934f: 141, 1937c: 580, 1949c: 104, 1950b: 1299, 1954b: 189, 1955: 103; Nakane et al. 1963: 384; Nakashima 1975: 3, 1979; Nobuchi 1967: 25, 1973b: 7; Schedl 1969a: 204, 1972f: 105; Strohmeier 1912c: 6, 1914c: 35. (tx) Beeson 1937: 69; Blandford 1894d: 130; Murayama 1925a: 207, 1925b: 235, 1928a: 287, 1950b: 1299, 1954b: 189, 1955: 103; Nakane et al. 1963: 384, pl. 192; Nakashima 1975: 15, 1979: pl. 1; Niisima 1909: 170; Nobuchi 1973b: 7, pl. 1; Schedl 1934f: 1647, 1969b: 222, 1972f: 105; Strohmeier 1912c: 6, 1914c: 35; Wylie & Yule 1977.
- nitens Chapuis** 1865: 77. Holotype ♂; Ile de Sula; BMNH, London.
Distribution: Asia (Malaya), Indonesia (Borneo, Sulu).
Hosts: *Araucaria cunninghamii*, *Canarium australasicum*, *Elacocarpus* sp., *Eugenia gustavoioides*, *Euodia* sp., *Pithecellobium* sp.
References: (hb) Browne 1941. (ds) Browne 1961c: 224, 1984c: 448; Choo & Woo 1983; Gemminger

- & Harold 1872: 2697; Nobuchi 1977: 105; Schedl 1936d: 6, 1966g: 35, 1972f: 109; Strohmeier 1912c: 4, 1914c: 34. **(tx)** Chapuis 1865: 77; Lucas 1920: 209; Schedl 1939b: 398, 1954a: 156, 1960c: 10, 1971c: 387, 1972f: 109, 1978a: 47; Strohmeier 1912c: 5, 1914c: 34.
- nitescens Schedl** 1979a: 162. Holotype ♂; Tarzali, Atherton Sub. District, Queensland, Australia; CSIRO, Canberra.
Distribution: Australia (Queensland).
Hosts: *Araucaria cunninghamii*, *Canarium australasicum*, *Elacocarpus* sp., *Eugenia gustavoides*, *Euodia* sp.
Notes: (3) Schedl 1980b: 187 (described female).
References: **(ds)** Schedl 1980b: 185–187. **(tx)** Schedl 1979a: 162.
- nitidior (Schedl)** 1953b: 129 (*Trachyostus*). Syntypes ♀; Hiep-Hoa, East-Vaico River, 40 km W Saigon, Indo China; Barbier Collection and Schedl Collection in NHMW, Wien.
Distribution: Asia (Vietnam).
Notes: (1) Schedl 1978a: 47 (citation of holotype invalid).
References: **(ds)** Schedl 1972f: 112. **(tx)** Browne 1962e: 644; Schedl 1953b: 129–130, 1963j: 486, 1972f: 112, 1978a: 47.
- nitidulus (Schedl)** 1954a: 156 (*Platypus*). Syntypes ♂ ♀; Java, Mt. Gede, 800 m; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo, Java, Sumatra).
Hosts: *Castanea argentea*, *Garcinia* sp., *Nephelium* sp.
Notes: (1) Schedl 1978a: 47 (citation of holotype invalid). Browne 1962e: 643 (to *Crossotarsus*).
References: **(hb)** Kalshoven 1960c: 44. **(ds)** Browne 1961c: 224; Kalshoven 1960d: 44; Schedl 1964c: 304, 1971c: 370, 1972f: 109. **(tx)** Browne 1962e: 643; Schedl 1954a: 145, 156–157, 1972f: 109, 1978a: 47.
- octocostatus Schedl** 1935b: 398. Syntypes ♂ ♀; Mount Maquiling, Laguna Province, Philippine Islands; F. C. Hadden Collection, and Schedl Collection in NHMW, Wien.
Figures: Schedl 1972f: 109.
Distribution: Indonesia (Borneo, Mentawai), Philippine Islands (Luzon).
Notes: (1) Schedl 1978a: 49 (citation of holotype invalid).
References: **(ds)** Browne 1966: 241; Nobuchi 1977: 107, 1979a: 407; Ohno, Yoneyama, & Nakazawa 1987b: 89; Schedl 1938g: 421, 1966b: 86, 1966g: 34, 1972f: 108. **(tx)** Browne 1962e: 644; Nobuchi 1985: 328; Schedl 1935b: 398–399, 1935j: 2, 1936e: 43, 1939b: 398, 1939e: 334, 1963j: 486, 1972f: 108–109, 1978a: 49.
- oligodontus Roberts** 1979: 82. Holotype ♂; Papua New Guinea: 12 km south-west of Onim Hut, Mount Giluwe, 2900 m; BMNH, London.
Distribution: New Guinea.
- Hosts: *Quintonia* sp.
References: **(tx)** Roberts 1979: 82.
- palatus Beeson** 1937: 55. Holotype ♂; C. Borneo: Banguay; BMNH, London.
Distribution: Indonesia (Borneo, Ternate in Moluccas), Philippine Islands.
Notes: (3) Browne 1964: 758 (described female).
References: **(ds)** Browne 1966: 239, 1980c: 485, 1986a: 90; Ohno, Yoshioka, et al. 1989: 65; Schedl 1966b: 86, 1972f: 102. **(tx)** Beeson 1937: 55–56; Browne 1964: 758; Nobuchi 1985: 328; Schedl 1972f: 102.
- paucidentatus Roberts** 1989: 90. Holotype ♂; New Guinea: Papua; NHMW, Wien.
Distribution: New Guinea.
Hosts: *Evodia* sp.
References: **(tx)** Roberts 1989: 90.
- pectinatus Browne** 1966: 240. Holotype ♂; Bismarck Island, New Britain; Yalom, Gazelle Peninsula, 1000 m; UZMC, Copenhagen.
Distribution: Bismarck Island, New Britain Island.
References: **(ds)** Schedl 1972f: 102. **(tx)** Browne 1966: 240; Schedl 1972f: 102.
- piceae Stebbing** 1906: 413. Syntypes ♂ ♀; Tehri Garhwal, North-West Himalayas, India; not found in FRI, Dehra Dun.
Distribution: Asia (Uttar Pradesh in India).
Hosts: *Picea* sp.
References: **(ds)** Schedl 1972f: 112; Strohmeier 1912c: 6, 1914c: 35. **(tx)** Schedl 1972f: 112; Stebbing 1906: 413; Strohmeier 1912c: 6, 1914c: 35.
- piceus Chapuis** 1865: 56. Syntypes ♂ ♀; Moluques et d'Arou; 3 ♂, 2 ♀ in BMNH, London, 1 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 6).
Distribution: Asia (Taiwan), Indonesia (Aru, Moluccas, Sumatra), New Guinea, Philippine Islands.
References: **(ay)** Strohmeier 1918: 13. **(ds)** Gemminger & Harold 1872: 2697; Miwa 1931: 266; Murayama 1925a: 202, 1929a: 674, 1937e: 582; Nobuchi 1967: 25; Schedl 1966b: 86, 1972f: 102; Strohmeier 1912c: 4, 1914c: 33. **(tx)** Beeson 1937: 51–53; Chapuis 1865: 56; Murayama 1925a: 202, 1925b: 235; Nobuchi 1985: 328; Schedl 1937d: 33, 1960c: 6, 1972f: 102; Strohmeier 1912c: 4, 1914c: 33.
- porcatus Roberts** 1988: 91. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; NHMW, Wien.
Distribution: New Guinea.
Hosts: *Litsea* sp.
References: **(tx)** Roberts 1988: 91.
- prociduus Schedl** 1975g: 222. Holotype ♂; New Guinea, Geelvink Bay, 10 m; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1975g: 222, 1978a: 56.

quadricaudatus (Strohmeyer) 1910e: 131 (*Platypus*). Syntypes 3, ♂ ♀; Nilgiri Hills; 1 in H. L. Andrews Collection, 2 in IPKE, Eberswalde.

Distribution: Asia (Tamil Nadu in India).

Hosts: *Canarium strictum*, *Palaquium elliptica*, *Vateria indica*.

Notes: (1) Schedl 1972f: 100 (to *Crossotarsus*).

References: (cn) Mathur & Singh 1961b: 69. (ds) Beeson 1941 (1961: 254); Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1961b: 69; Schedl 1972f: 100; Strohmeyer 1912c: 19, 1914c: 34. (tx) Schedl 1978a: 56, 1972f: 100; Strohmeyer 1910e: 131, 1912c: 19, 1913: 165, 1914c: 34.

rasilis Roberts 1979: 83. Holotype ♂; Papua New Guinea: 8 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.

Distribution: New Guinea.

Hosts: *Evodia* sp.

References: (tx) Roberts 1979: 83.

rastellus Beeson 1937: 82. Syntypes ♂ ♀; Philippines; BMNH, London.

Distribution: Philippine Islands.

Notes: (3) Schedl 1972f: 107 (treated as a subspecies of *squamulatus*).

References: (ds) Schedl 1966b: 88, 1972f: 107. (tx) Beeson 1937: 82–83; Nobuchi 1985: 328; Schedl 1972f: 107.

rengetensis Nüsimä & Murayama in Murayama 1925a: 208. Syntypes ♂ ♀; Rengeti, Taichu Prov., Formosa; Murayama Collection in USNM, Washington.

Distribution: Asia (Taiwan).

Hosts: *Cinnamomum* spp., *Cryptocarya chinensis*, *Machilus longipaniculata*, *Melia azedarach*, *Pasania cuspidata*, *Taonabo japonica*, *Tetradenia konishii*.

References: (hb) Murayama 1928b: 26. (ds) Miwa 1931: 266; Murayama 1925a: 208, 1928b: 26, 1929a: 678, 1937c: 580; Nobuchi 1967: 25, 1977: 108; Schedl 1972f: 112, 1975a: 455. (tx) Beeson 1937: 97–98; Murayama 1925a: 208–210, 1925b: 235; Schedl 1934f: 1647, 1972f: 112.

saltator Schedl 1935k: 480. Syntypes ♂ ♀; Luzon, Nueva Vizcaya Province, Bayombong; W. Schultze Collection, and Schedl Collection in NHMW, Wien.

Distribution: Asia (Vietnam), Philippine Islands (Luzon).

Notes: (1) Schedl 1978a: 63 (citation of holotype invalid).

References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (ds) Browne 1968a: 133, 1980a: 371, 1980c: 484; Nobuchi 1977: 109; Schedl 1966b: 87, 1969a: 205, 1972f: 112. (tx) Nobuchi 1985: 328; Schedl 1935k: 480, 1954a: 157, 1963j: 482, 1964h: 424, 1972f: 112, 1978a: 63.

parvus Browne 1962c: 213 (*Trachyostus*). Holotype ♂; Philippines: Laguna, Mt. Maquiling;

Forest Products Research Institute, Laguna. Synonymy: Schedl 1972f: 112.

Notes: (1) Browne 1962e: 644 (to *Crossotarsus*).

References: (ds) Olmo, Yoshioka, et al. 1988b; Schedl 1966b: 104. (tx) Browne 1962c: 213, 1962e: 644; Nobuchi 1985: 328; Schedl 1963j: 482, 1964h: 424, 1972f: 112.

saltatorinus (Schedl) 1954a: 157 (*Platypus*). Syntypes ♀; Java, Mt. Gede, 800 m; Schedl Collection in NHMW, Wien, and Kalshoven Collection.

Distribution: Asia (Fujian in China), Indonesia (Java).

Notes: (1) Schedl 1978a: 63 (citation of holotype invalid).

References: (ds) Kalshoven 1960d: 40; Schedl 1972f: 105. (tx) Browne 1962e: 644; Schedl 1954a: 145, 157–158, 1972f: 105, 1978a: 63.

schedli Browne 1962c: 215. Holotype ♀; Malaya: Selangor, Kepong; BMNH, London.

Distribution: Asia (Malaya).

Hosts: *Azela palembanica*, *Buchanania sessifolia*, *Canarium littorale*, *Castanopsis sumatrana*, *Coccoceras muticum*, *Diplospora* sp., *Dryobalanops oblongifolia*, *Elateriospermum tapos*, *Endospermum malaccense*, *Hymenaea courbaril*, *Mesua ferrea*, *Parkia speciosa*, *Shorea* spp., *Sterculia macrophylla*, *Styrax benzoin*, *Xanthophyllum* sp., *Xerospermum* sp.

Notes: (3) This series had been previously misidentified as *cinnatus* by Schedl 1935n: 639).

References: (hb) Browne 1961c: 223. (ds) Browne 1961c: 223, 1980b: 381; Ohno, Yoshioka, et al. 1989: 65; Schedl 1972f: 102. (tx) Browne 1962c: 215; Schedl 1935n: 639, 1972f: 102.

scorpius (Schedl) 1942c: 195 (*Platypus*). Holotype ♂; Neu-Guinea; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

Notes: (1) Browne 1962e: 643 (to *Crossotarsus*).

References: (ds) Schedl 1972a: 109. (tx) Browne 1962e: 643; Schedl 1942c: 195, 1972f: 109, 1978a: 64.

semicinctus Schedl 1973e: 93. Holotype ♂; Potogalai logging area, Hoskins, West New Britain District; CSIRO, Canberra.

Distribution: New Britain.

Hosts: *Eugenia* sp., *Octomeles sumatrana*.

References: (tx) Schedl 1973e: 93, 1978a: 65.

serratululus (Browne) 1964: 756 (*Platypus*). Holotype ♂; Philippines; BMNH, London.

Distribution: Philippine Islands.

Notes: (1) Schedl 1972f: 103 (to *Crossotarsus*).

References: (ds) Schedl 1972f: 103. (tx) Browne 1964: 756; Schedl 1972f: 103, 1972p: 158.

simplex Murayama 1925b: 231. Syntypes ♂ ♀; Japan: Ayakita (Miyazaki Prov., Kyushiu); Murayama Collection in USNM, Washington.

Figures: Nobuchi 1973b: pl. 1.

Distribution: Asia (Japan/ Korea/ Taiwan).

Hosts: *Ilex oldhami*, *Lindera thunbergii*, *Prunus jamasakura*, *Quercus* spp.

References: (**cn**) Ishikura 1966; Kleine 1932a: 401; Murayama 1954a: 19; Shiraki 1952. (**hb**) Kleine 1932a: 401. (**ds**) Cho 1957, 1963; Choo 1983: 31; Ishikura 1966; Kleine 1932a: 401; Ko 1969: 273; Murayama 1929a: 676, 1929b: 2, 1930b: 24, 1931a, 1934f: 138, 1936a: 140–141, 1937b: 375, 1937c: 581, 1949c: 104, 1950b: 1299, 1954a: 19, 1954b: 206, 1955: 100, 105, 1957a: 37; Nobuchi 1967: 25, 1973b: 8, 1977: 105; Schedl 1972f: 105; Shiraki 1952. (**tx**) Beeson 1937: 77; Choo 1983: 31; Choo & Woo 1985: 163; Murayama 1925b: 231–232, 235, 1928a: 289–290, 1930b: 24, 28, 31, 1931a: 50, 1936a: 140, 1937b: 375, 1950b: 1299, 1954b: 206, 1955: 100, 105; Nobuchi 1973b: 8, pl. 1; Schedl 1934f: 1647, 1972f: 105.

siporanus Schedl 1936e: 44. Lectotype ♂; Mentawai, Sopora Sereinu; Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya), Indonesia (Borneo, Mentawai, Sumatra), New Guinea.

Hosts: *Aporosa globifera*, *Baccaura parvifolia*, *Schoutenia mastersii*, *Xerospermum* sp.

Notes: (3) Schedl 1962f: 209 (treated in *Platypus*). References: (**hb**) Beaver & Browne 1978: 616; Browne 1961c: 228. (**ds**) Beaver & Browne 1978: 616; Browne 1961c: 228; Schedl 1972f: 107. (**tx**) Schedl 1936e: 44–45, 1939e: 335, 1962p: 209, 1964d: 213, 1972e: 107, 1978a: 67.

oblongirosus Beeson 1937: 88. Holotype ♂; F.M.S.: Pahang, Raub; FRI, Dehra Dun. Synonymy: Schedl 1962p: 208.

References: (**hb**) Browne 1941. (**tx**) Beeson 1937: 88–89; Schedl 1939e: 335, 1962p: 209, 1972f: 107.

siva Beeson 1937: 85. Holotype ♂; Bengal: Kurseong division, Sivakhola, 3500 ft.; FRI, Dehra Dun, not found in 1981 by SLW [20 paratypes were present].

Distribution: Asia (Bengal in India).

Hosts: *Albizzia stipulata*, *Cryptocarya wrightiana*, *Engelhardtia spicata*.

Notes: (3) Schedl 1972f: 107 (treated as a subspecies of *terminatus*).

References: (**cn**) Mathur & Singh 1960a: 35; Roonwal 1954: 53. (**ds**) Beeson 1941 (1961: 256); Mathur & Singh 1960a: 35; Roonwal 1954: 53; Schedl 1972f: 107. (**tx**) Beeson 1937: 85; Schedl 1939e: 365, 1972f: 107, 1978a: 67.

spectrum Schedl 1975f: 376. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (**tx**) Schedl 1975f: 376.

spinifer (Sampson) 1928b: 393 (*Platypus*). Syn-types ♂ [♀?]; Borneo: Quop, Sandakan; BMNH, London.

Distribution: Indonesia (Borneo).

Notes: (1) Schedl 1972f: 192 (Sampson's female belongs to a *Platypus* species). (3) Schedl 1972f: 105 (to *Crossotarsus*).

References: (**ds**) Sampson 1928b: 393; Schedl 1972f: 105, 192. (**tx**) Browne 1955: 365; Sampson 1928b: 393; Schedl 1939c: 4, 1972f: 105, 192.

spinipennis Schedl 1972i: 54. Holotype ♂; Tonolei, Bouganville District, New Guinea; CSIRO, Canberra.

Distribution: Bougainville Island.

References: (**ds**) Schedl 1972f: 103. (**tx**) Schedl 1972f: 103, 1972i: 54.

squamulatus Chapuis 1865: 87. Syntypes ♀; Java; 1 in BMNH, London, 1 in IRSNB, Brussels (Schedl 1960c: 12).

Figures: Sampson 1912: 249 (male).

Distribution: Asia (Bangladesh/ Burma/ Andaman Islands, Assam, Bengal in India/ Malaya/ Pakistan/ Thailand/ Tonkin Island in Vietnam and Vietnam), Bismarck Island, Indonesia (Borneo, Java, Sumatra), Philippine Islands.

Hosts: *Acacia decurrens*, *Afzelia palembanica*, *Albizzia lebbek*, *Amoora rohituka*, *Austroboxus nitidus*, *Bauhinia* sp., *Bouea macrophylla*, *Brackenridgea hookeri*, *Bridelia tomentosa*, *Bruguiera parviflora*, *Calophyllum tetrapterum*, *Carya arborea*, *Castanopsis sumatrana*, *Cinnamomum cecidodaphne*, *Cinnamomum iners*, *Coccoceras nuticum*, *Cratoxylon arboreescens*, *Diospyros* sp., *Durio griffithii*, *Endospermum malaccense*, *Eugenia bernardii*, *E. grandis*, *Ficus* sp., *Fordia* sp., *Grewia* sp., *Heritiera fomes*, *Koompassia excelsa*, *Lithocarpus wallichianus*, *Melanorrhoea* sp., *Ochanostachys amentacea*, *Odina wodier*, *Palaquium* sp., *Parinarium griffithianum*, *Parkia speciosa*, *Pasania oocarpa*, *Pithecellobium* sp., *Pouteria malaccensis*, *Schoutenia accrescens*, *Shorea leprosula*, *S. maxwelliana*, *Sloetia elongata*, *Tectona grandis*, *Whitfordiodendron pubescens*.

References: (**ay**) Menier 1976: 348. (**bv**) Menier 1976: 348. (**cn**) Beeson 1915: 8–11, 1918: 114–124, 1919: 1–23; Huque 1966; Kalshoven 1960d: 48; Kleine 1932a: 310, 401; Mathur & Singh 1961b: 94; Roonwal 1954: 89. (**ec**) Beeson 1921b: 22; Browne 1958b. (**hb**) Beaver & Browne 1978: 616; Beeson 1941 (1961: 256); Browne 1936a, 1941, 1958b, 1961c: 225–228; Kalshoven 1960c: 44, 1960d: 2; Kleine 1932a: 310, 401; Yunus & Hua 1980: 216. (**ds**) Beaver & Browne 1975: 304, 1978: 616; Beeson 1916: 106, 1921b: 22, 1937: 77–83, 1941 (1961: 256); Bhasin, Roonwal, & Singh 1958; Browne 1936a, 1961a: 316, 1961c: 225, 1966: 241, 1980b: 380; Gemminger & Harold 1872: 2697; Kalshoven 1960d: 48; Kleine

- 1932a: 310, 401; Mathur & Singh 1961b: 94; Murayama 1934f: 140; Ohno, Yoneyama, Nakazawa 1987b: 89; Roonwal 1954: 89; Sampson 1919: 106; Schedl 1936d: 6, 1936j: 22, 1937f: 15, 1966b: 87, 1971f: 150, 1972f: 107, 1974c: 262; Strohmeier 1914c: 35; Yunus & Hua 1980: 216. **(tx)** Beeson 1937: 79–80; Chapuis 1865: 87; Gardner 1932b; Nobuchi 1985: 328; Sampson 1919: 106; Schedl 1935k: 483, 1937d: 35, 1939e: 334, 1941c: 354, 1942a: 172, 1960c: 11, 1972f: 107; Strohmeier 1914c: 35.
- fragmentus* Sampson 1912: 249. Holotype ♂; Singapore; BMNH, London. Synonymy: Beeson 1937: 79.
- Notes: (3) Schedl 1978a: 107 (treated as a subspecies of *fractus*).
- References: **(cn)** Kalshoven 1924c. **(hb)** Browne 1935a; Kalshoven 1924c. **(ds)** Browne 1935a; Murayama 1934f: 140; Sampson 1928b: 391; Strohmeier 1914c: 35. **(tx)** Beeson 1937: 79; Sampson 1912: 249–250, 1919: 106, 1928b: 391; Schedl 1933e: 105, 1935k: 483, 1972f: 107, 1978a: 107; Strohmeier 1914c: 35.
- fragmentus minor* Sampson 1928a: 2. Syntypes ♂; Tjinta Radja, Medan, Sumatra; BMNH, London. Synonymy: Schedl 1972f: 107.
- References: **(ds)** Sampson 1928a: 2–3. **(tx)** Beeson 1937: 81; Sampson 1928a: 2–3; Schedl 1972f: 107.
- squamulatus squamuloides* Beeson 1937: 79. Syntypes ♂; many localities in Bengal, India; FRI, Dehra Dun. Synonymy: Schedl 1972f: 107.
- References: **(cn)** Mathur & Singh 1961b: 3. **(ds)** Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1961b: 3; Schedl 1969c: 58. **(tx)** Beeson 1937: 79–81; Schedl 1972f: 107, 1978a: 68.
- squamulatus sundri* Beeson 1937: 79. Syntypes ♂; Sunderbans Division, Bengal, India; FRI, Dehra Dun. Synonymy: Schedl 1972f: 107.
- References: **(cn)** Chaudry 1966. **(ec)** Chaudry 1966. **(ds)** Chaudry 1966. **(tx)** Beeson 1937: 79–80; Schedl 1972f: 107, 1978a: 68.
- subopacus* Schedl 1969b: 222. Holotype ♂; New Guinea: Watut Valley, 1200 m, Morobe District; CSIRO, Canberra.
- Distribution: New Guinea.
- Hosts: *Aglaia* sp.
- References: **(ds)** Schedl 1972f: 107. **(tx)** Schedl 1969b: 222, 1972f: 107, 1978a: 71.
- subpellucidus* Lea 1910: 134. Syntypes 2 ♂; Queensland: Cairns, Kuranda; Lea Collection.
- Distribution: Australia (Queensland), New Guinea.
- Hosts: *Pterocymbium beccarii*.
- References: **(cn)** Smith, J. H. 1935: 3. **(ec)** Smith, J. H. 1935: 3. **(ds)** Schedl 1936g: 513, 1964c: 306, 1968f: 535, 1972a: 144, 1972f: 103, 1979a: 159; Smith, J. H. 1935: 3; Strohmeier 1912c: 7, 1914c: 35. **(tx)** Lea 1910: 134; Schedl 1942c: 165, 1950g: 894, 1972f: 103; Strohmeier 1912c: 7, 1914c: 35.
- sumbawanus* Beeson 1937: 50. Syntypes 2 ♂, 1 ♀; Sumbawa: B. Aroe Hassa, 2–5,000, Doherty; BMNH, London.
- Distribution: Sunda Islands (Sumbawa).
- References: **(ds)** Schedl 1972a: 102. **(tx)** Beeson 1937: 50–51; Schedl 1972f: 102.
- terminatus* Chapuis 1865: 83. Holotype ♂; Singapore; BMNH, London (Schedl 1960c: 11).
- Distribution: Asia (Andaman Islands, Bengal, Uttar Pradesh in India/ Malaya/ Sri Lanka/ Taiwan), Indonesia (Borneo, Java), New Guinea.
- Hosts: *Aglaia* sp., *Artocarpus elasticus*, *Calophyllum* sp., *Castanea argentea*, *Castanopsis acuminatissima*, *Cinnamomum iners*, *Cupressus macrocarpa*, *Dipterocarpus borneensis*, *D. cornutus*, *Doonia zeylanica*, *Dryobalanops oblongifolia*, *Elaeocarpus petiolatus*, *Endiandra* sp., *Eugenia* sp., *Gordonia zeylanica*, *Hevea brasiliensis*, *Lagerstroemia hypoleuca*, *Macaranga* spp., *Marumia muscosa*, *Parinarium griffithianum*, *Pasania aspericupula*, *P. sundaica*, *Pithecellobium* sp., *Quercus* sp., *Santiria griffithii*, *Scaphium* sp., *Semecarpus gardneri*, *Shorea leprosula*, *S. parvifolia*, *Swietenia macrophylla*, *Whitfordiodendron pubescens*, *Wormia triquetra*, *Xanthophyllum affine*.
- Notes: (3) Schedl 1936d: 13 (described female).
- References: **(cn)** Roonwal 1954: 37. **(ec)** Browne 1958b. **(hb)** Browne 1936a, 1941, 1958b, 1961c: 228; Kalshoven 1960c: 45; Yunus & Hua 1980: 216. **(ds)** Beeson 1941 (1961: 257); Browne 1936a, 1961a: 317, 1961c: 228–229, 1984b: 287; Gemminger & Harold 1872: 2697; Kalshoven 1960d: 45; Murayama 1929a: 677, 1934f: 141; Nobuchi 1967: 25, 1979a: 407; Ohno, Yoshioka, et al. 1988b: 97; Roonwal 1954: 37; Schedl 1966b: 88, 1969c: 58, 1972f: 107; Strohmeier 1912c: 6, 1914c: 35; Yunus & Hua 1980: 216. **(tx)** Beeson 1937: 84–86, 88; Chapuis 1865: 83; Murayama 1928: 288; Nobuchi 1984: 328; Sampson 1912: 249; Schedl 1936d: 13–14, 1939e: 335, 358, 1941c: 354, 1942a: 205, 1960c: 11, 1972f: 107, 1978a: 73; Strohmeier 1912c: 6, 1914c: 35.
- venustus* Chapuis 1865: 88. Holotype ♀; Ceylan; BMNH, London.
- Notes: (3) Schedl 1972f: 107 (treated as a subspecies of *terminatus*), Blandford 1895a: 324 (described female).
- References: **(cn)** Mathur & Singh 1960a: 40, 1960b: 20, 1961a: 33; Roonwal 1954: 19. **(hb)** Speyer 1923: 22. **(ds)** Beeson 1941 (1961: 257); Blandford 1895a; Gemminger & Harold 1872: 2697; Mathur & Singh 1960a: 40, 1960b: 20, 1961a: 33; Murayama 1934f: 140; Roonwal 1954: 19; Schedl 1959a: 513; Speyer 1923: 11–23; Strohmeier 1914c: 35. **(tx)** Beeson 1937: 84–88; Blandford 1895a: 324; Chapuis 1865: 88; Sampson 1912; Schedl 1937d: 35, 1939b: 398,

- 1939e: 335, 358, 1942a: 205, 1959a: 513, 1960c: 12, 1972f: 107–108; Strohmeier 1914c: 35.
- venustus venustulus* Beeson 1937: 85. Syntypes, sex?: Ceylon: Mawagankanda, Ratnapura, 500 ft.; FRI, Dehra Dun.
- Notes: (3) Schedl 1942a: 205 (described female), 1972f: 107 (treated as a subspecies of *terminatus*).
- References: (cn) Mathur & Singh 1961a: 33, 1961b: 92. (ds) Beeson 1941 (1961: 257); Mathur & Singh 1961a: 33, 1961b: 92; Schedl 1964c: 305. (tx) Beeson 1937: 85–86; Schedl 1942a: 205, 1959a: 514, 1972f: 107, 1978a: 80.
- nicobaricus* Beeson 1937: 86. Syntypes ♂ ♀; Nicobars: Car Nicobar; FRI, Dehra Dun. Synonymy: Wood 1992a: 91.
- References: (cn) Mathur & Singh 1960c: 3; Roonwal 1954: 67. (ds) Mathur & Singh 1960c: 3; Roonwal 1954: 67; Schedl 1972f: 106. (tx) Beeson 1937: 86–87, 1941 (1961: 254); Schedl 1939e: 335, 1972f: 106; Wood, S. L. 1992a: 91.
- terminatus sedulus* Schedl 1972h: 66. Holotype ♂; Kulolo logging area, Wau, M. District, New Guinea; CSIRO, Canberra.
- Notes: (3) Schedl 1972f: 107 (treated as a subspecies of *terminatus*).
- References: (ds) Browne 1983a: 555; Ohno, Yoshioka, et al. 1989: 65; Schedl 1972f: 107. (tx) Schedl 1972f: 107, 1972h: 66, 1978a: 73.
- toralis* Schedl 1975f: 376. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
- Distribution: New Guinea.
- References: (tx) Schedl 1975f: 376.
- trachypennis* (Schedl) 1942a: 213 (*Trachyostus*). Lectotype ♀; Malaya, Perak, Chenderoh; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 74.
- Figures: Schedl 1972f: 104.
- Distribution: Asia (Malaya).
- Hosts: Anonaceae sp.
- Notes: (1) Browne 1962e: 644 (to *Crossotarsus*).
- References: (ds) Browne 1961c: 220; Schedl 1972f: 105. (tx) Browne 1962e: 644; Schedl 1942a: 213–214, 1963j: 486, 1972f: 104–105, 1978a: 74.
- sampsoni* Browne 1955: 366. Holotype ♂; Malay Peninsula: Kelantan, Temangan; BMNH, London. Synonymy: Schedl 1972f: 105.
- References: (hb) Browne 1961c: 221. (ds) Browne 1955: 366, 1961c: 221. (tx) Schedl 1972f: 105, 1972p: 156, 1978a: 63.
- tribunarius* Schedl 1939e: 358. Holotype ♂; Luzon, Philippine Islands; Schedl Collection in NHMW, Wien.
- Distribution: Philippine Islands (Luzon).
- References: (ds) Schedl 1966b: 89, 1972f: 108. (tx) Nobuchi 1985: 328; Schedl 1939e: 358–359, 1972f: 108, 1978a: 74.
- trigonus* Beeson 1937: 83. Holotype ♂; Damma Is.; BMNH, London.
- Distribution: Indonesia (Damma Island).
- References: (ds) Schedl 1972f: 108. (tx) Beeson 1937: 83–84; Schedl 1972f: 108.
- tumidus* Schedl 1975f: 377. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
- Distribution: New Guinea.
- References: (tx) Schedl 1975f: 377.
- ursus* Schedl 1935b: 640. Lectotype ♂; British North Borneo: Mt. Kinabalu, Kamborahang, 7000 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 78.
- Distribution: Asia (Bengal in India), Indonesia (Borneo).
- Hosts: *Engelhardtia spicata*.
- Notes: (3) Beeson 1937: 60 (*pseudoniponicus* Sampson, nomen nudum, synonymy).
- References: (ds) Schedl 1972f: 112. (tx) Beeson 1937: 69; Browne 1962e: 644, 1970: 582; Schedl 1935b: 640–641, 1939e: 333, 1960i: 111, 1972f: 112, 1978a: 78.
- deceptus* Beeson 1937: 68. Syntypes ♂; Borneo, “E.M. 8”; BMNH, London. Synonymy: Schedl 1939e: 333.
- References: (tx) Beeson 1937: 68; Browne 1962e: 644; Schedl 1939e: 333, 1972f: 112.
- perceptus* Beeson 1937: 70. Syntypes ♂ ♀; Bengal: Kurseong, division, Sivakhola, 3500 ft.; FRI, Dehra Dun. Synonymy: Schedl 1972f: 112.
- References: (tx) Beeson 1937: 70–71, 1941 (1961: 254); Schedl 1939c: 2, 1958b: 105, 1972f: 2, 112.
- ursulus* Schedl 1960g: 111. Lectotype ♂; British North Borneo: Mt. Kinabalu, Kamborahang, 7000 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 78, automatic.
- Synonymy: Browne 1962e: 644.
- Notes: (1) Schedl transferred *ursus* to *Platypus*, renamed it, then transferred it back to *Crossotarsus* in 1960; because of the date on which this was done, the Code mandates that the original name be restored.
- References: (ds) Schedl 1965g: 24. (tx) Browne 1962e: 644, 1970: 582; Schedl 1960g: 111, 1965g: 24, 1972f: 112, 1978a: 78.
- vafer* Schedl 1972h: 66. Holotype ♂; Buin, Bougainville District; CSIRO, Canberra.
- Distribution: Bougainville Island.
- Hosts: *Heritiera trifolia*, *Theobroma cacao*.
- References: (ds) Schedl 1972f: 108. (tx) Schedl 1972f: 108, 1972h: 66, 1978a: 78.
- ventricornis* Schedl 1972h: 67. Holotype ♂; Warangoi, East New Britain District; CSIRO, Canberra.
- Distribution: New Britain.
- Hosts: *Canarium indicum*.

References: **(ds)** Schedl 1972f: 105. **(tx)** Schedl 1972f: 105, 1972h: 67, 1978a: 79.

ventrispinis Schedl 1969b: 222. Holotype ♂; New Guinea, Kum, 11 miles from Mt. Hagen, W.H.D.; CSIRO, Canberra.

Distribution: New Guinea.

References: **(ds)** Schedl 1972f: 105. **(tx)** Schedl 1969b: 222, 1972f: 105, 1978a: 79.

ventrosus Schedl 1973e: 94. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; CSIRO, Canberra.

Distribution: New Guinea.

Notes: (1) A lapsus calami occurred in the naming of this species. The abstract that introduces the article gives the correct name *ventrosus*, but the heading at the beginning of the description gives the name as *semicinctus*, a name previously used on p. 93 of that article, and an obvious oversight by the printer and by the author.

References: **(tx)** Schedl 1973e: 94, 1978a: 79.

vicinus Schedl 1975f: 378. Holotype, sex?; Karamui, Chimbu D., New Guinea; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

Hosts: Derebe.

References: **(tx)** Schedl 1975f: 378.

wallacei (Thomson) 1858: 343 (*Platypus*). Syntypes ♂; Borneo; BMNH, London (Schedl 1960c: 5).

Figures: Schedl 1972f: 101.

Distribution: Asia (Burma/ India/ Malaya/ Singapore/ Sri Lanka/ Taiwan/ Vietnam), Indonesia (Borneo, Java, Malacca, Sumatra), New Guinea.

Hosts: *Afzelia palenbanica*, *Albizia falcata*, *Artocarpus dadah*, *Bouea macrophylla*, *Calophyllum* sp., *Castanopsis* sp., *Croton argyrratum*, *Dryobalanops oblongifolia*, *Elaterospermum tapos*, *Endospermum malaccense*, *Eugenia grandis*, *Fagraea gigantea*, *Gironniera* sp., *Heritiera javanica*, *Hevea brasiliensis*, *Ixonanthes reticulata*, *Koompassia excelsa*, *Litsea megacarpa*, *Ochanostachys amentacea*, *Parashorea lucida*, *Parinarium griffithianum*, *Parkia speciosa*, *Payena* sp., *Pometia pinnata*, *Pterocymbium* sp., *Scaphium affine*, *Schoutenia accrescens*, *Shorea leprosula*, *Swietenia macrophylla*, *Whitfordiodendron pubescens*.

Notes: (3) Chapuis 1865: 53 (redescribed both sexes).

References: **(ay)** Menier 1976: 348; Strohmeier 1918: 8. **(bv)** Menier 1976: 348. **(cn)** Browne 1938b, 1949c; Corbett & Gater 1926b: 261; Kalshoven 1924b: 357, 1936a: 188; Kleine 1932a: 310, 401; Supriana et al. 1978; Yunus & Hua 1980: 216. **(ec)** Browne 1958b. **(hb)** Beaver & Browne 1978: 616; Browne 1935a, 1941, 1958b, 1961c: 222; Kalshoven 1960c: 43; Kleine 1932a: 310, 401; Mercer 1982: 210. **(ds)** Beaver & Browne 1975: 305, 1978: 616; Beeson 1961: 257; Browne 1935a, 1938b: 77–86, 1961a: 316, 1961c: 222,

1972b: 28, 1980b: 381; Chapuis 1865: 53; Corbett & Gater 1926b: 261; Gemminger & Harold 1872: 2697; Hagen 1890; Kalshoven 1924b: 357; Kleine 1932a: 310, 401; Lacordaire 1866: 389; Mercer 1982: 210; Miwa 1931: 266; Murayama 1925a: 202, 1929a: 675, 1937c: 582; Nobuchi 1967: 26; Sampson 1919: 105, 1928a: 2, 1928b: 390; Schedl 1937f: 15, 1960c: 5, 1964c: 305, 1965g: 24, 1971c: 367, 1971f: 150, 1972f: 102, 1974c: 262, 1975a: 453; Strohmeier 1911f: 203, 1912c: 4, 1914c: 33; Supriana et al. 1978; Yunus & Hua 1980: 216. **(tx)** Beeson 1937: 51, 1938b: 295; Browne 1972b: 28; Chapuis 1865: 53; Lacordaire 1866: 389; Lucas 1920: 209; Murayama 1925a: 202–203, 1925b: 235; Sampson 1919: 105, 1928a: 2, 1928b: 390; Schedl 1936e: 43, 1937d: 33, 1939b: 402, 1939e: 333, 1960c: 5, 1972f: 101–102; Strohmeier 1911f: 203, 1912c: 4, 1914c: 33; Thomson 1858: 343.

uilmoti (Stebbing) 1911b: 36 (*Platypus*). Syntypes ♂ ♀; published as Tons Valley, Jaunsar, labeled Kathian, Jaunsar, NWH; FRI, Dehra Dun.

Distribution: Asia (Kashmir, Uttar Pradesh in India).

Hosts: *Cedrela serrata*, *Cedrus deodara*, *Pinus roxburghii*, *Populus ciliata*, *Quercus incana*.

References: **(cn)** Kleine 1932a: 310; Roonwal 1954: 59. **(ec)** Beeson 1921b: 21. **(hb)** Kleine 1932a: 310; Stebbing 1911a: 6. **(ds)** Beeson 1921b: 21, 1937: 74–76, 1961: 257; Bhasin, Roonwal, & Singh 1958; Kleine 1932a: 310; Roonwal 1954: 59; Schedl 1969c: 59, 1972f: 105; Strohmeier 1914c: 27. **(tx)** Beeson 1937: 74–76; Schedl 1972f: 105; Stebbing 1911b: (reprint p. 36), 1914: 618; Strohmeier 1914c: 27.

Genus *Carchesiopygus* Schedl

CARCHESIOPYGUS SCHEDL 1939b: 402–403. Type-species: *Crossotarsus wollastoni* Chapuis, original designation.

Notes: (1) This genus, as recognized by Schedl 1939b, 1972f, appears to be a conglomeration of unrelated species, most of which belong elsewhere.

References: **(hb)** Browne 1961c: 218; Kalshoven 1960: 31–50. **(ds)** Kendrick & Molnar 1965: 39–43; Schedl 1972f: 93. **(tx)** Browne 1962e: 647; Schedl 1939b: 402–403, 1963j: 484, 1972f: 93.

acanthurus (Beeson) 1937: 61 (*Crossotarsus*). Holotype ♂; Java: Preanger, G. Tongkoeban Prahoe, 4000–5000 ft.; Buitenzorg Museum.

Distribution: Asia (Malaya), Indonesia (Java).

References: **(ds)** Schedl 1972f: 95. **(tx)** Beeson 1937: 61; Browne 1962e: 647; Schedl 1972f: 95.

alternantes Schedl 1971c: 397. Holotype ♂; Borneo; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Borneo).

References: **(ds)** Schedl 1971c: 369, 1972f: 95. **(tx)** Schedl 1971c: 369, 397–398, 1972f: 95, 1978a: 10.

assamensis (Beeson) 1937: 59 (*Crossotarsus*). Syntypes ♂ ♀; Assam: Lakhimpur division, Upper Dihing reserve; FRI, Dehra Dun, not found in 1981 by SLW [1 ♂ paratype in FRI].

Distribution: Asia (Assam in India).

Hosts: *Vatica lanceaefolia*.

Notes: (1) Browne 1962e: 647 (to *Carchesiopygus*).

References: (cn) Mathur & Singh 1961b: 70. (ds) Beeson 1941 (1961: 253); Mathur & Singh 1961b: 70; Schedl 1969c: 59, 1972f: 95. (tx) Beeson 1937: 59–60; Browne 1962e: 647; Schedl 1972f: 95.

dentipennis Schedl 1964i: 246. Holotype ♂; Somarshby, New South Wales; Schedl Collection in NHMW, Wien.

Distribution: Australia (New South Wales).

Hosts: *Hakea sericea*.

References: (ds) Schedl 1972f: 95. (tx) Schedl 1964i: 246, 1972f: 95, 1978a: 24.

impariporus (Beeson) 1937: 62 (*Crossotarsus*). Syntypes ♂; Assam: Lakhimpur division, Mokum Reserve, Upper Dihing reserve; FRI, Dehra Dun, not found in 1981 by SLW [paratypes were present]. Distribution: Asia (Assam in India/ Vietnam), Indonesia (Java).

Hosts: *Dipterocarpus pilosus*, *Mallotus albus*, *Mesua ferrea*.

Notes: (1) Browne 1962a: 647 (to *Carchesiopygus*).

References: (ds) Beeson 1941 (1961: 265); Schedl 1965a: 340, 1971c: 362, 1972f: 95, 1974c: 262. (tx) Beeson 1937: 62–63; Browne 1962e: 647; Schedl 1939e: 333, 1962n: 647, 1972f: 95.

lobacanthus Schedl 1969c: 59. Holotype ♂: India: Kausani, Almora; FRI, Dehra Dun.

Distribution: Asia (India).

Hosts: *Quercus incana*.

Notes: (3) Beeson 1961: 254 (*lobacanthus*, nomen nudum, synonymy in Schedl 1972f: 95).

References: (ds) Beeson 1941: 330, 1961: 254; Schedl 1972f: 95. (tx) Browne 1962e: 647; Schedl 1963j: 485, 1969c: 59–60, 1972f: 95.

multidentatus (Strohmeyer) 1913: 163 (*Crossotarsus*). Syntypes ♂ ♀; Preanger, Java; Strohmeyer Collection.

Figures: Schedl 1972f: 93.

Distribution: Asia (Malaya), Indonesia (Java).

Hosts: *Dalbergia latifolia*.

References: (ds) Strohmeyer 1914c: 34. (tx) Schedl 1963j: 483, 1972f: 93, 95; Strohmeyer 1913: 163–165, 1914c: 34.

oculatus (Beeson) 1937: 62 (*Crossotarsus*). Holotype ♀; United Provinces: West Almora, Kumaon [India]; FRI, Dehra Dun.

Distribution: Asia (Uttar Pradesh in India).

References: (ds) Schedl 1972f: 95. (tx) Beeson 1937: 62; Browne 1962e: 647; Schedl 1972f: 95.

psilicanthurus (Beeson) 1937: 60 (*Crossotarsus*). Holotype ♂; Bengal: Kalimpong division, Samsingh, 1800 ft.; FRI, Dehra Dun.

Distribution: Asia (Bengal in India).

Hosts: *Cedrela serrata*.

References: (ds) Beeson 1941 (1961: 254); Schedl 1972f: 95. (tx) Beeson 1937: 60; Browne 1962e: 647; Schedl 1972f: 95.

wollastoni (Chapuis) 1865: 74 (*Crossotarsus*). Syntypes 3 ♂; Borneo (Sarawak); BMNH, London (Schedl 1960c: 7).

Distribution: Asia (Assam in India/ Malaya/ Vietnam), Indonesia (Sarawak in Borneo).

Hosts: *Dyera costulata*, *Vatica lanceaefolia*.

Notes: (3) Schedl identified a Beeson male of this species as *Crossotarsus assamensis* Beeson; synonymy? (SLW).

References: (cn) Mathur & Singh 1961b: 70. (ec) Batra 1971. (hb) Browne 1936a, 1941; Kalshoven 1960c: 42. (ds) Beeson 1937: 58–59, 1941 (1961: 257); Browne 1936a, 1961c: 218; Mathur & Singh 1961b: 70; Sampson 1919: 106, 1928b: 390; Schedl 1936d: 5, 1971c: 363, 1972f: 95, 1974c: 262; Strohmeyer 1912c: 5, 1914c: 34. (tx) Beeson 1937: 58–59; Chapuis 1865: 25, 74–75; Sampson 1919: 106, 1928b: 390; Schedl 1939b: 394, 403, 1960c: 9, 1972f: 95; Strohmeyer 1912c: 5, 1914c: 34.

Genus *Crossotarsinus* Schedl

CROSSOTARSINULUS SCHEDL 1972: 84–87. Type-species: *Crossotarsus sauteri* Strohmeyer, original designation.

References: (tx) Schedl 1972f: 84–87.

sauteri (Strohmeyer) 1913: 164 (*Crossotarsus*). Syntypes ♂ ♀; Kosempo, Formosa; SMTD, Dresden, and IPKE, Eberswalde.

Distribution: Asia (Taiwan).

References: (ds) Murayama 1925a: 207–208, 1929a: 676; Nobuchi 1967: 25; Schedl 1972f: 87; Strohmeyer 1914c: 35. (tx) Murayama 1925a: 207–208, 1925b: 235; Schedl 1972f: 85–87; Strohmeyer 1913: 164, 1914c: 35.

Genus *Spathicranuloides* Schedl

SPATHICRANULOIDES SCHEDL 1972h: 71. Type-species: *Spathicranuloides moikui* Schedl, original designation.

References: (ds) Schedl 1972f: 135–137. (tx) Schedl 1972f: 135–137, 1972h: 71–72.

Spathicranuloides Schedl 1972f: 135. Type-species: *Spathicranuloides moikui* Schedl, original designation, preoccupied by Schedl 1972h.

References: (tx) Schedl 1972f: 135–137.

moikui Schedl 1972h: 72. Holotype ♂; Tonolei, Bougainville District; CSIRO, Canberra.

Figures: Schedl 1972f: 135.

Distribution: Bougainville Island.

References: (tx) Schedl 1972f: 135, 1972h: 71–72.

Genus *Trachyostus* Schedl

TRACHYOSTUS SCHEDL 1939b: 397, 400. Type-species: *Platypus schaufussi* Strohmeier, subsequent designation by Browne 1962e: 646.

Keys: Browne 1962e: 646 (adults), Roberts 1962a: 29 (larvae).

References: (ay) Nobuchi 1969a: 69. (hb) Browne 1960: 213, 1961c: 218–221; Roberts 1968: 325–352; Schedl 1962k: 698, 1972f: 87, 1977b: 253. (ds) Schedl 1962k: 698, 1966b: 104, 1972f: 87, 1977b: 253. (tx) Browne 1962e: 646, 1972a: 184; Roberts 1962a: 29, 1962b: 241–244; Schedl 1939b: 397, 400, 1939p: 288, 1952i: 7, 1957d: 225, 1962h: 65, 1962k: 698, 1963j: 483, 1964b: 425, 1972f: 87, 1977b: 253.

antongilis Schedl 1961e: 166. Holotype ♂; Madagascar, S. Baie Antongil, Humblot; MNHN, Paris. Figures: Schedl 1972f: 86.

Distribution: Madagascar.

References: (ds) Schedl 1972f: 88, 1977b: 254. (tx) Schedl 1961e: 166, 1972f: 88, 1977b: 254, 1978a: 12.

ater (Strohmeier) 1911g: 230 (*Platypus*). Syntypes 3 ♂; Madagascar (Antongil Bai); IPKE, Eberswalde.

Distribution: Madagascar.

Notes: (1) Schedl 1972f: 88 (to *Trachyostus*).

References: (ds) Schedl 1972f: 88; Strohmeier 1912c: 14, 1914c: 26. (tx) Schedl 1955i: 213, 1972f: 88; Strohmeier 1911g: 230–231, 1912c: 14, 1914c: 26.

aterrimus (Schaufuss) 1897b: 107 (*Platypus*). Syntypes ♂; Gabon; IPKE, Eberswalde.

Figures: Mayne & Donis 1962: 291.

Distribution: Africa (Cameroon/ Congo/ Gabon/ Ghana/ Kenya/ Nigeria/ Sierra Leone/ Tanzania/ Uganda/ Zaire).

Hosts: Schedl 1962k: 700–702 (45 host species listed).

References: (ay) Roberts 1962a: 699. (bv) Roberts 1962a: 699. (cn) Kudler 1978: 16; Roberts 1962a: 699. (ec) Akanbi 1978: 123; Roberts 1969a; Schedl 1962k: 699. (hb) Gardner 1957: 29; Roberts 1961: 8, 1962a: 29, 1967; Schedl 1962k: 699; Strohmeier 1911a: 182. (ds) Collart 1934: 248; Mayne & Donis 1960: 100, 1962: 29; Roberts 1962a: 699, 1968: 189, 1969b: 120; Schedl 1933f: 193–194, 1962k: 699, 1964f: 619, 1966c: 230, 1971g: 196, 1972f: 88; Strohmeier 1911a: 182, 1912c: 14, 1914c: 26; Thompson, G. H. 1963: 69. (tx) Mayne & Donis 1962: 291; Roberts 1962a; Sampson 1924c: 130; Schaufuss 1897b: 107–108; Schedl 1933f: 193–194, 1937d: 40, 1941d: 381, 1941e: 154, 1950d: 5, 1953g: 243, 1954e: 59, 1962k: 699, 1964j: 49, 1972f: 88; Strohmeier 1911a: 182, 1912c: 14, 1913: 161, 1914c: 26.

vastus Strohmeier 1911g: 229 (*Platypus*). Holotype ♂; Kamerun; Strohmeier Collection. Synonymy: Schedl 1972f: 88.

References: (tx) Schedl 1972f: 88; Strohmeier 1911g: 229.

aterrimus minor Roberts 1965: 225. Holotype ♂; river valleys south of Jos Plateau, N. Nigeria; BMNH, London, preoccupied by Schedl 1962.

References: (hb) Roberts 1967. (ds) Roberts 1968: 189; Schedl 1972a: 88. (tx) Roberts 1965: 225; Schedl 1972a: 88.

carinatus Schedl 1962h: 73. Holotype ♂; South Nigeria, Sapele; BMNH, London.

Distribution: Africa (Ghana/ Nigeria).

Hosts: *Ficus asperifolia*.

References: (hb) Roberts 1967. (ds) Roberts 1968: 189, 1969b: 120; Schedl 1962h: 63, 1962k: 710, 1972f: 89. (tx) Schedl 1962h: 73, 1962k: 710, 1972f: 89, 1978a: 18.

decellei Schedl 1962k: 710. Holotype ♂; Congo Belge; Yangambi; Schedl Collection in NHMW, Wien.

Figures: Schedl 1962k: 711 (male).

Distribution: Africa (Zaire).

Hosts: *Scorodophloeus zenkeri*.

References: (ds) Schedl 1962k: 710, 1972f: 89. (tx) Schedl 1962k: 711, 1972f: 89, 1978a: 23.

fecundus (Sampson) 1924c: 130 (*Platypus*). Holotype ♂; Belgian Congo: Haut Uele and Moto; MRCB, Tervuren.

Distribution: Africa (Uganda/ Zaire).

Hosts: *Albizia* spp.

Notes: (1) Schedl 1972f: 89 (to *Trachyostus*).

References: (ds) Gardner 1957a: 30; Schedl 1933f: 195, 1962k: 712, 1972f: 89. (tx) Sampson 1924c: 130–131; Schedl 1933f: 195, 1955i: 213, 1962k: 712, 1972f: 89.

fecundus ovalis Schedl 1962k: 713. Holotype ♂; Congo Belge; Yangambi; Schedl Collection in NHMW, Wien.

Notes: (3) This appears to be an aberration.

References: (ds) Mayne & Donis 1960: 100, 1962: 290; Schedl 1972f: 89. (tx) Schedl 1962k: 713, 1972f: 89, 1978a: 30.

fecundus transversus Schedl 1962k: 713. Holotype ♂; Congo Belge; Mayidi; Schedl Collection in NHMW, Wien.

Notes: (3) This appears to be an aberration.

References: (ds) Schedl 1962k: 713, 1972f: 89. (tx) Schedl 1972f: 89, 1978a: 30.

ghanaensis Schedl 1959b: 235. Holotype ♂; Gold Coast, Wiawso; BMNH, London.

Figures: Roberts 1960: pls. 1, 3–4.

Distribution: Africa (Ghana/ Guinea/ Ivory Coast/ Liberia).

Hosts: *Triplochiton scleroxylon*.

References: (ay) Roberts 1961c; Schedl 1962k: 713. (bv) Bletchly 1961: 16; Jones 1960c: 231; Neumann & Harris 1974: 136; Roberts 1960a, 1960b, 1960i, 1962b: 241. (cn) Atuahene 1970; Jones 1960a: 93–94, 1960d: 3; Jones et al. 1959: 10; Kudler 1978: 15; Roberts 1960a, 1960b, 1960i,

- 1966a; Thompson, G. H. 1959b: 420. (**ec**) Browne 1961e: 7–5; Roberts 1960a, 1960b, 1960i: 5, 1961e: 8–34, 1962a: 29–40, 1962b: 241–244. (**hb**) Browne 1961e: 7, 1965b; Duffy 1956: 198–200; Jones et al. 1959: 10; Roberts 1960a: 10, 1960b, 1960i: 5, 1961a, 1962b: 241–244, 1967; Schedl 1972k: 713; Thompson, G. H. 1963: 69. (**ds**) Bletchly 1961: 16; Browne 1960a; Duffy 1956: 198–200; Roberts 1960a: 10, 1960b, 1960i: 5, 1961b: 32, 1966a; Schedl 1962k: 713, 1972e: 286, 1972f: 89; Thompson, G. H. 1959b: 420, 1963: 69. (**tx**) Roberts 1960a, 1960i: pls. 1, 3–4; Schedl 1959b: 235, 1962c: 244, 1962k: 713, 1972f: 89, 1978a: 32.
- interstitialis** Schedl 1964j: 49. Holotype ♂; Ghana: Bibiani: BMNH, London.
Distribution: Africa (Ghana).
References: (**hb**) Roberts 1962a: 33, 1967. (**ds**) Schedl 1972f: 89. (**tx**) Schedl 1962k: 727, 1964j: 49, 1972f: 89, 1978a: 38.
- nobilis** (Schaufuss) 1897a: 221 (*Platypus*). Syntypes 3 ♂; Madagascar: Diego Suarez: Hamburg Museum, lost.
Distribution: Madagascar.
References: (**ds**) Alluand 1900: 441; Schedl 1972f: 89, 1977b: 254; Strohmeier 1912c: 16, 1914c: 27. (**tx**) Nunberg 1961b: 625, 1964a: 237; Schaufuss 1897a: 221–222; Schedl 1964j: 49, 1967f: 149, 1972f: 89, 1977b: 254; Strohmeier 1912c: 16, 1914c: 27.
- punctatus** Strohmeier 1911g: 229. Syntypes 2 ♂, 2 ♀; Madagascar: Diego Suarez; Strohmeier Collection. Synonymy: Schedl 1962p: 210.
References: (**tx**) Schedl 1933f: 195, 1952i: 22, 1962p: 210, 1972f: 89; Strohmeier 1911g: 229–230.
- schaufussi** (Strohmeier) 1913: 161 (*Platypus*). Syntypes ♂ ♀; Kilimandjaro; Strohmeier Collection. Figures: Bright 1972d: 19, Nunberg 1961b: 632, Schedl 1962k: 798, 1972f: 86.
Distribution: Africa (Cameroon/ Congo/ Equatorial Guinea/ Gabon/ Ghana/ Ivory Coast/ Kenya/ Malawi/ Nigeria/ Sierra Leone/ Tanzania/ Togo/ Uganda/ Zaire), Antilles Islands (introduced: Jamaica).
Hosts: Schedl 1962k: 730–732 (51 host species listed), 1962k: 735–738 (53 host species listed).
References: (**ay**) Menier 1976: 348; Strohmeier 1918: 34. (**bv**) Menier 1976: 348. (**cn**) Thompson, G. H. 1960; Webb & Jones 1958: 383. (**ec**) Roberts 1969a. (**hb**) Beaver & Loytyniemi 1985b: 117; Thompson, G. H. 1963: 69; Webb & Jones 1958: 383. (**ds**) Beaver & Loytyniemi 1985b: 117; Bright 1972d: 14; Browne 1961: 8, 1972c: 101; Gardner 1957a: 30; Jones, Roberts, & Baker 1959: 13–14, 23, 36, 55; Lee 1971: 30; Mayne & Donis 1960: 100, 1962: 290; Roberts 1960b: 36, 40, 1960e, 1960f, 1962a: 33, 1968: 189; Schedl 1933f: 195, 1938d: 400, 452, 1972f: 89, 1979b: 417; Strohmeier 1914c: 27; Thompson, G. H. 1960c, 1963: 69. (**tx**) Bright 1972d: 14, 19; Browne 1962e: 646; Nunberg 1961b: 632; Sampson 1924c: 131; Schedl 1933f: 195, 1937d: 40, 1939b: 394, 400–401, 1939p: 288, 1941d: 381, 1941e: 154, 1950e: 212, 1953g: 243, 1954d: 874, 1954e: 48, 59, 1962h: 65, 1962k: 798, 1962n: 698, 1964h: 425, 1972f: 86, 89; Strohmeier 1913: 161, 1914c: 27.
- ugandensis** Nunberg 1961b: 624 (*Platypus*). Holotype ♀; Uganda, Kampala; BMNH, London. Synonymy: Schedl 1972f: 89.
References: (**tx**) Nunberg 1961b: 624, 632; Schedl 1962h: 65, 1962k: 718, 1972f: 89.
- schaufussi major** Schedl 1962k: 734. Holotype ♂; Congo Belge: Kasai, Makumbi; Schedl Collection in NHMW, Wien.
References: (**ds**) Schedl 1972f: 89. (**tx**) Schedl 1962k: 734, 1972f: 89, 1978a: 64.
- schaufussi minor** Schedl 1962k: 738. Syntypes ♂; Gold Coast: Koforidua; Schedl Collection in NHMW, Wien.
References: (**hb**) Roberts 1967. (**ds**) Mayne & Donis 1960: 100, 1962: 292; Roberts 1968: 189, 1969b: 121; Schedl 1967e: 221, 1972e: 286, 1972f: 89; Thompson, G. H. 1963: 69; Webb & Jones 1957: 37, 41. (**tx**) Schedl 1954e: 59, 1962k: 738, 1972f: 89, 1978a: 64.
- schaufussi medius** Schedl 1962k: 734. Lectotype ♂; Gold Coast, Sunyani; Schedl Collection in NHMW, Wien.
References: (**bv**) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (**hb**) Loytyniemi, Beaver, & Loytyniemi 1985: 29; Roberts 1967; Schedl 1962k: 734. (**ds**) Mayne & Donis 1960: 100, 1962: 292; Roberts 1962: 33–35, 1968: 189, 1969b: 121; Schedl 1962h: 63, 1964f: 619, 1971f: 196, 1972e: 286, 1972f: 89; Webb & Jones 1957: 36, 39, 41. (**tx**) Schedl 1952j: 6, 1954e: 59, 1962k: 734, 1972f: 89, 1978a: 64.
- schoutedeni** (Schedl) 1933f: 195 (*Platypus*). Syntypes ♂; Mongwalu (Kilo), Kwamouth, Sankuru: Komi; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: Schedl 1962k: 740–742 (20 host species listed).
Notes: (1) Schedl 1978a: 64 (type restricted to Tervuren specimens).
References: (**ec**) Schedl 1962k: 740. (**hb**) Schedl 1962k: 740. (**ds**) Mayne & Donis 1960: 100, 1962: 292; Schedl 1933f: 195, 1962k: 740, 1972f: 89. (**tx**) Schedl 1933f: 195, 1962k: 740, 1964j: 49, 1972f: 89, 1978b: 64.
- similis** Nunberg 1967b: 330. Holotype ♀; Elisabethville; MRCB, Tervuren.
Figures: Nunberg 1967: pl. 5, fig. 4.
Distribution: Africa (Zaire).
References: (**tx**) Nunberg 1967b: 330, 339.
- tomentosus** (Strohmeier) 1911g: 231 (*Platypus*). Holotype ♂; Kamerun; MNB, Berlin.

Figures: Schedl 1962k: 743.

Distribution: Africa (Cameroon/ Ghana/ Nigeria/ Togo/ Zaïre).

Hosts: *Scorodophloeus zenkeri*.

Notes: (3) Schedl 1962h: 73 (described female).

References: (hb) Roberts 1967. (ds) Roberts 1962a: 33, 1968: 189, 1969b: 121; Schedl 1962h: 63, 1972k: 742, 1972f: 89; Strohmeier 1912c: 19, 1914c: 29. (tx) Schedl 1962h: 73, 1962k: 742–743, 1972f: 89, 1978a: 74; Strohmeier 1911g: 231–232, 1912c: 19, 1914c: 29.

Genus *Neotrachyostus* Browne

NEOTRACHYOSTUS BROWNE 1962e: 645. Type-species: *Platypus abbreviatus* Chapuis, original designation.

References: (ds) Schedl 1972f: 90. (tx) Browne 1962e: 645; Schedl 1972f: 90.

abbreviatus (Chapuis) 1865: 28, 35, 106 (*Platypus*). Syntypes ♂ ♀; Bresil; 2 ♂, 1 ♀ in BMNH, London, 2 ♂ in IRSNB, Brussels (Schedl 1960c: 13). Distribution: South America (Brazil).

Notes: (3) Browne 1962e: 645 (to *Neotrachyostus*). References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (ds) Blackwelder 1947: 788; Schedl 1933c: 166, 1972f: 92, 1976a: 57; Strohmeier 1912c: 8, 1914c: 22. (tx) Browne 1962e: 645; Chapuis 1865: 28, 35, 106; Lucas 1920: 521; Schedl 1933c: 166, 1937b: 399, 1939p: 288, 1960c: 13, 1972f: 92; Strohmeier 1912c: 8, 1914c: 22. (ms) Lucas 1920: 521.

abdominalis (Schedl) 1936i: 99 (*Platypus*). Holotype ♂; Brasil, Nova Teutonia; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

Notes: (3) Schedl 1972f: 92 (to *Neotrachyostus*, described female).

References: (ds) Blackwelder 1947: 788; Schedl 1972g: 51. (tx) Schedl 1936i: 99–100, 1972f: 92, 1972g: 51, 1978a: 9.

acutidens (Blandford) 1895e: 96 (*Platypus*). Syntypes 4, ♂ ♀; Guatemala, Capetillo; BMNH, London.

Distribution: North America (Guatemala).

Notes: (1) Browne 1962e: 646 (to *Neotrachyostus*). References: (ds) Blackwelder 1947: 788; Equihua & Atkinson 1987: 14; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 23. (tx) Blandford 1895e: 93–96; Browne 1962e: 646; Equihua & Atkinson 1987: 14; Schedl 1933a: 938, 1939b: 399, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

concaus (Chapuis) 1865: 108 (*Platypus*). Holotype ♀; Bresil; BMNH, London (Schedl 1960c: 13).

Distribution: South America (Brazil).

Notes: (1) Browne 1962e: 645 (to *Neotrachyostus*). References: (ds) Blackwelder 1947: 789; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 22. (tx) Browne 1962e: 645; Chapuis 1865: 108–109; Schedl 1960c: 13, 1972f: 92; Strohmeier 1912c: 8, 1914c: 22.

digitalis (Chapuis) 1865: 111 (*Platypus*). Syntypes 4 ♂; Bresil meridional, Nova Fribourg; IRSNB, Brussels (Schedl 1960c: 14).

Distribution: South America (Brazil).

Notes: (1) Browne 1962e: 645 (to *Neotrachyostus*).

References: (ds) Blackwelder 1947: 789; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 22. (tx) Browne 1962e: 645; Chapuis 1865: 111; Reichardt 1964: 85; Schedl 1960c: 14, 1972f: 92; Strohmeier 1912c: 8, 1914c: 22.

distinctus (Chapuis) 1865: 111 (*Platypus*). Holotype ♂; Para.; IRSNB, Brussels (Schedl 1960c: 14). Distribution: South America (Bolivia/ Brazil).

Notes: (1) Browne 1962e: 645 (to *Neotrachyostus*).

References: (ds) Blackwelder 1947: 789; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 22. (tx) Browne 1962e: 645; Chapuis 1865: 111–112; Schedl 1960c: 14, 1972f: 92; Strohmeier 1912c: 8, 1914c: 22.

dohrni (Chapuis) 1865: 115 (*Platypus*). Holotype ♂; Mexico; not found at BMNH, London, or IRSNB, Brussels (Schedl 1960c: 15).

Distribution: North America (Mexico).

Notes: (1) Browne 1962e: 646 (to *Neotrachyostus*). References: (ds) Blackwelder 1947: 789; Blandford 1895b: 96; Equihua & Atkinson 1987: 14; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 23. (tx) Blandford 1895b: 96; Browne 1962e: 646; Chapuis 1865: 115–116; Equihua & Atkinson 1987: 14; Schedl 1939b: 399, 1939p: 288–289, 1940a: 323, 1960c: 15, 1962e: 646, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

filiformis (Chapuis) 1865: 116 (*Platypus*). Syntypes 2 ♀; Mexico; IRSNB, Brussels (Schedl 1960c: 15). Distribution: North America (Mexico).

References: (ds) Blackwelder 1947: 789; Blandford 1896e; Equihua & Atkinson 1987: 14; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 23. (tx) Blandford 1896e: 97; Browne 1962e: 646; Chapuis 1865: 116–117; Equihua & Atkinson 1987: 14; Schedl 1940a: 323, 1960c: 15, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

fuscifrons (Chapuis) 1865: 110 (*Platypus*). Holotype ♀; Bresil (Ega); BMNH, London (Schedl 1960c: 14).

Distribution: South America (Brazil).

Notes: (1) Browne 1962e: 645 (to *Neotrachyostus*). References: (ds) Blackwelder 1947: 789; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 23. (tx) Browne 1962e: 645; Chapuis 1865: 110–111; Schedl 1960c: 14, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

lobatus (Chapuis) 1865: 109 (*Platypus*). Syntypes ♂; Cayenne; 1 in MNB, Berlin, 2 in IRSNB, Brussels, 1 in BMNH, London (Schedl 1960c: 14). Distribution: South America (Brazil/ Cayenne/ Venezuela).

Notes: (1) Browne 1962e: 645 (to *Neotrachyostus*).

References: (ds) Blackwelder 1947: 789; Schedl 1960a: 78, 1972f: 92, 1976a: 57; Strohmeier 1912c: 8, 1914c: 23. (tx) Browne 1962e: 645; Chapuis 1865: 109; Schedl 1937d: 37, 1952a: 443, 1960c: 13–14, 1972f: 90, 92; Strohmeier 1912c: 8, 1914c: 23.

obliquus Wood 1966b: 49. Holotype ♂; Volcan, Puntarenas Prov., Costa Rica; Wood Collection. Figures: Wood 1966b: 47 (male).

Distribution: North America (Costa Rica).

References: (ds) Equihua & Atkinson 1987: 14; Schedl 1972f: 92. (tx) Equihua & Atkinson 1987: 14; Schedl 1972f: 92; Wood, S. L. 1966b: 47, 49–50.

pacificus (Chapuis) 1865: 118 (*Platypus*). Holotype ♀; Cayenne; IRSNB, Brussels (Schedl 1960c: 15). Distribution: South America (Cayenne/ Venezuela).

References: (ds) Blackwelder 1947: 790; Schedl 1933c: 170, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23. (tx) Browne 1962e: 646; Chapuis 1865: 118–119; Nunberg 1939: 241; Schedl 1960c: 15, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

putzeysi (Chapuis) 1865: 28, 117 (*Platypus*). Syntypes 2 ♀; Mexico, Tuxtla, Oaxaca; BMNH, London (Schedl 1960c: 15).

Distribution: North America (Guatemala/ Oaxaca, Veracruz in Mexico).

Notes: (1) Browne 1962e: 646 (to *Trachyostus*).

References: (ds) Blackwelder 1947: 790; Blandford 1896e: 97; Equihua & Atkinson 1987: 14; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 23. (tx) Blandford 1897e: 97; Browne 1962e: 646; Chapuis 1865: 117–118; Equihua & Atkinson 1987: 14; Schedl 1940a: 323, 1960c: 15, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23; Wood, S. L. 1966.

quadrilobus (Blandford) 1895b: 95 (*Platypus*). Syntypes 4 ♂; Costa Rica, Irazu; BMNH, London. Figures: Schedl 1962g: 1036.

Distribution: North America (Costa Rica).

Hosts: Logs.

Notes: (1) Browne 1962e: 645 (to *Neotrachyostus*).

(3) This species does not belong to this genus (SLW).

References: (ds) Blackwelder 1947: 790; Equihua & Atkinson 1987: 14; Schedl 1933c: 166, 1972f: 92; Spahr 1981: 79; Strohmeier 1912c: 8, 1914c: 23. (tx) Blandford 1895b: 93, 95–96; Browne 1962e: 645; Equihua & Atkinson 1987: 14; Nunberg 1939: 241; Schedl 1962g: 1036, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

springi (Chapuis) 1865: 112 (*Platypus*). Syntypes 1 ♂, 1 ♀; Colombie; IRSNB, Brussels (Schedl 1960c: 14).

Distribution: South America (Colombia).

Notes: (1) Browne 1962e: 645 (to *Neotrachyostus*).

References: (ds) Blackwelder 1947; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 23. (tx) Browne 1962e: 645; Chapuis 1865: 112–114; Schedl 1960c: 14, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

Genus *Platyscapulus* Schedl

PLATYSCAPULUS SCHEDL 1957d: 125. Type-species: *Platypus carinulatus* Chapuis, automatic, subsequent designation by Wood 1992b: 90.

Platyscapus Schedl 1939b: 397, 399. Type-species: *Platypus carinulatus* Chapuis, subsequent designation by Wood 1990b: 90, preoccupied by Huistache 1921.

References: (tx) Browne 1962e: 652; Kalshoven 1960: 31–50; Schedl 1939b: 397, 399, 1939k: 718, 1957d: 125; Wood, S. L. 1979a: 1, 1992b: 90.

Costaroplatus Nunberg 1963c: 109. Type-species: *Costaroplatus shenefelti* Nunberg, original designation. Synonymy: Wood 1979a: 1.

References: (tx) Nunberg 1963c: 109; Schedl 1969f: 555; Wood, S. L. 1979a: 1, 1992b: 90.

Notes: (3) A generic revision of Platypodidae is in progress; the species listed below are transferred into *Platyscapulus* in that study (SLW).

References: (tx) Browne 1961c: 212–213, 1962e: 652; Schedl 1957d: 125; Wood, S. L. 1979a: 1, 1992b: 90.

abditulus (Wood) 1966b: 50 (*Platypus*). Holotype ♂; near Moravia, Cartago Prov., Costa Rica, 1500 feet; Wood Collection.

Figures: Wood 1966b: figs. 5–6.

Distribution: North America (Costa Rica).

References: (ds) Equihua & Atkinson 1982: 18; Schedl 1972f: 235. (tx) Equihua & Atkinson 1987: 18; Schedl 1972f: 235; Wood, S. L. 1966b: 47–50.

abditus (Schedl) 1936c: 246 (*Platypus*). Holotype ♂; Brazil; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 788. (tx) Schedl 1936c: 246, 1972f: 235; Wood, S. L. 1966b: 50.

transitus Schedl 1978b: 309. Holotype ♂; Brasilien, Linhares, E. Santo; Schedl Collection in NHMW, Wien. Synonymy: Wood 1992b: 90.

References: (ds) Schedl 1972f: 235. (tx) Schedl 1936c: 246, 1972f: 235, 1978b: 309; Wood, S. L. 1992b: 90.

carinulatus (Chapuis) 1865: 231 (*Platypus*). Syntypes 1 ♂, 1 ♀; Bresil, Ega; BMNH, London.

Distribution: South America (Brazil/ Cayenne/ Suriname).

Notes: (3) Schedl 1976a: 87 (described female).

References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2697; Reichardt 1964: 145; Schedl 1960a: 79, 1966f: 92, 1970e: 86, 1972f: 235, 1972g: 47; Strohmeier 1912c: 14, 1914c: 26. (tx) Chapuis 1865: 135; Lucas 1920: 522; Schedl 1960a: 79, 1960c: 43, 1972f: 235, 1976a: 87; Strohmeier 1912c: 14, 1914c: 26. (ms) Lucas 1920: 522.

costellatus (Schedl) 1933c: 175 (*Platypus*). Holotype ♂; Brazil, Ypiranga; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 789; Schedl 1933c: 175, 1966f: 92, 1970e: 86, 1972f: 235, 1972g: 47, 1976a: 57. (tx) Reichardt 1962: 333, 335; Schedl 1933c: 175, 1962q: 493, 1972f: 235, 1978a: 22.

luederwaldti Schedl 1933c: 177 (*Platypus*). Holotype ♀; Brazil, Ypiranga; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1962q: 493.

References: (ds) Blackwelder 1947: 789; Schedl 1933c: 177. (tx) Reichardt 1962q: 333; Schedl 1933c: 177, 1962q: 493, 1972f: 235, 1978a: 41.

calix Schedl 1934e: 212 (*Platypus*). Syntypes ♀; Brasilien: Alto da Serra, 700 m; Hamburg Museum, lost, and Schedl Collection in NHMW, Wien. Synonymy: Schedl 1962q: 493. Notes: (1) Schedl 1978a: 17–18 (citation of holotype invalid).

References: (ds) Blackwelder 1947: 789. (tx) Schedl 1934e: 212, 1962q: 493, 1972f: 235, 1978a: 17.

frontalis (Blandford) 1896e: 113 (*Platypus*). Holotype ♀; Bugaba, Panama; BMNH, London.

Figures: Blandford 1896e: pl. 4, fig. 25.

Distribution: North America (Guatemala/ Panama), South America (Brazil).

References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 23; Schedl 1933c: 177, 1966f: 77, 1972f: 235, 1972g: 48, 1976a: 57; Strohmeier 1912c: 19, 1914c: 29. (tx) Blandford 1896e: 113; Equihua & Atkinson 1987: 23; Schedl 1972f: 235; Strohmeier 1912c: 19, 1914c: 29.

manus (Schedl) 1936c: 247 (*Platypus*). Holotype ♂; Brazil; Schedl Collection in NHMW, Wien.

Figures: Reichardt 1962: 335.

Distribution: South America (Bolivia/ Brazil/ Guyana).

References: (ds) Blackwelder 1947: 790; Schedl 1960a: 79, 1970f: 582, 1972f: 235, 1973a: 369. (tx) Reichardt 1962: 335–336; Schedl 1936c: 247, 1972f: 235, 1978a: 42.

pulchellus (Chapuis) 1865: 230 (*Platypus*). Holotype ♀; de Mexico; IRSNB, Brussels (Schedl 1960c: 43).

Distribution: North America (Belize/ Costa Rica/ Guatemala/ Honduras/ Chiapas, Nayarit, Veracruz in Mexico/ Panama), South America (Brazil/ Guyana/ Suriname/ Venezuela).

Hosts: *Gossypiospermum praecox*.

References: (ec) Equihua & Atkinson 1986: 625. (hb) Equihua & Atkinson 1986: 625. (ds) Atkinson & Equihua 1986a: 423, 1988: 104; Blackwelder 1947: 790; Blandford 1896i: 112; Cola 1973; Equihua 1988: 144; Equihua & Atkinson 1986: 625, 1987: 27; Estrada & Atkinson 1988:

213; Ferrer 1942; Gemminger & Harold 1872: 2700; Nunberg 1963c: 107; Reichardt 1965b: 160; Schedl 1933c: 174, 1960a: 78, 1963c: 160, 1972f: 235; Strohmeier 1912c: 14, 1914c: 26. (tx) Blandford 1895b: 93–95, 1896e: 112; Chapuis 1865: 230; Equihua & Atkinson 1987: 27; Schedl 1936c: 247, 1939b: 399, 1940a: 327, 1956b: 30, 1960c: 43, 1972f: 235; Strohmeier 1912c: 14, 1914c: 26.

pulcher (Chapuis) 1865: 249 (*Platypus*). Holotype ♀; du Bresil; BMNH, London.

Distribution: North America (Mexico), South America (Brazil/ Venezuela).

Notes: (3) Schedl 1933a: 401 (described male).

References: (ds) Blackwelder 1947: 790; Equihua & Atkinson 1987: 27; Ferrer 1942; Gemminger & Harold 1872: 2700; Schedl 1933c: 177, 1972f: 235; Strohmeier 1912c: 16, 1914c: 27. (tx) Chapuis 1865: 249; Equihua & Atkinson 1987: 27; Schedl 1933a: 401, 1936c: 234, 1937d: 40, 1940a: 327, 1941e: 156, 1960c: 47, 1972f: 235; Strohmeier 1912c: 16, 1914c: 27.

pusillimus (Chapuis) 1865: 232 (*Platypus*). Holotype ♂; du Bresil, Bahia; IRSNB, Brussels (Schedl 1960c: 43).

Distribution: South America (Brazil/ Guyana).

References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Schedl 1972f: 235, 1972g: 50, 1976a: 58; Strohmeier 1912c: 14, 1914c: 26. (tx) Chapuis 1865: 232; Schedl 1959m: 556, 1960c: 43, 1972f: 235, 1978a: 59; Strohmeier 1912c: 14, 1914c: 26.

shenefelti (Nunberg) 1963c: 110 (*Costaroplatus*). Holotype ♀; Costa Rica; University of Wisconsin Collection, Madison.

Figures: Nunberg 1963c: 100

Distribution: North America (Costa Rica).

Notes: (1) Schedl 1969f: 555 (to costellati group in *Platypus*).

References: (ds) Equihua & Atkinson 1987: 29; Schedl 1972f: 235. (tx) Equihua & Atkinson 1987: 29; Nunberg 1963c: 100, 110; Schedl 1969f: 555, 1972f: 235.

subabditus (Schedl) 1935i: 47 (*Platypus*). Lectotype ♀; Guyane francaise, Saint-Laurent du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 69.

Distribution: South America (Cayenne).

Notes: (3) Schedl 1935i: 47 (described female).

References: (ds) Schedl 1972f: 235. (tx) Schedl 1935i: 47, 1972f: 235, 1978a: 69.

turgifrons (Schedl) 1935h: 358 (*Platypus*). Holotype ♀; Equador; Schedl Collection in NHMW, Wien.

Distribution: South America (Ecuador).

References: (ds) Blackwelder 1947: 791; Schedl 1972f: 235. (tx) Schedl 1935h: 358–359, 1972f: 235, 1978a: 76.

umbrosus (Schedl) 1936c: 247 (*Platypus*). Lectotype ♂; Guyane Francaise: St. Laurent du Maroni, St. Jean du Maroni, Nouveau Chantier; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 77.

Distribution: South America (Cayenne).

References: **(ds)** Blackvelder 1947: 791; Schedl 1972f: 235, 582. **(tx)** Schedl 1936c: 247, 1972f: 235, 1978a: 77.

Genus *Baiocis* Browne

BAIOCIS BROWNE 1962e: 651. Type-species: *Crossotarsus pernanulus* Schedl, original designation. References: **(ds)** Schedl 1972f: 140. **(tx)** Browne 1962e: 652; Schedl 1972f: 140–142.

anaticeps (Schedl) 1969a: 215 (*Platypus*). Holotype ♂; Borneo (Kalinantan), Numikan to Muroran (Japan), imported; PPST, Tokyo.

Distribution: Indonesia (Borneo).

Hosts: Meranti log.

References: **(ds)** Nobuchi 1977: 142; Ohno, Yoneyama, & Nakazawa 1987b: 89; Schedl 1972f: 142. **(tx)** Nobuchi 1985: 330; Schedl 1969a: 215–216, 1972f: 142.

angusticeps (Schedl) 1942a: 203 (*Platypus*). Syn-types ♀; Malaya, Selangor, Ulu Gombak; BMNH, London.

Distribution: Asia (Malaya).

Hosts: *Shorea faguetiana*.

Notes: (1) Schedl 1978a: 11 (citation of holotype invalid); Browne 1962e: 651 (to *Baiocis*).

References: **(ds)** Browne 1961c: 211; Schedl 1972f: 197. **(tx)** Browne 1962e: 651; Schedl 1942a: 203, 1972f: 197, 1978a: 11.

angustiformis (Schedl) 1942a: 202 (*Platypus*). Lectotype ♂; Malaya, Rotan Tunggal F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 11.

Distribution: Asia (Malaya).

Hosts: Anonaceae sp.

Notes: (1) Browne 1962e: 651 (to *Baiocis*).

References: **(ds)** Browne 1961c: 211; Roberts 1968: 192; Schedl 1972f: 142. **(tx)** Browne 1962e: 651; Schedl 1942a: 202, 1972f: 142, 1978a: 11.

angustipennis (Schedl) 1942a: 203 (*Platypus*). Lectotype ♂; Malaya, Perak, Trolak F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 11.

Distribution: Asia (Malaya).

Hosts: *Xylopia caudata*.

Notes: (1) Browne 1962e: 651 (to *Baiocis*).

References: **(ds)** Browne 1961c: 211; Schedl 1971f: 142. **(tx)** Browne 1962e: 651; Schedl 1942a: 203, 1972f: 142, 1978a: 11.

angustulus (Schedl) 1942a: 202 (*Platypus*). Syn-types ♀; Teibodas, Giava; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Teibodas, Giava).

References: **(ds)** Schedl 1972f: 142. **(tx)** Browne

1962e: 651; Schedl 1942a: 202, 1972f: 142, 1978a: 11.

annularis (Schedl) 1975f: 379. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

Hosts: *Syzygium* sp.

Notes: (3) Roberts 1989: 262 (described female).

References: **(tx)** Roberts 1989: 262; Schedl 1975f: 379.

imitatrix Schedl 1973e: 94. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District, New Guinea; CSIRO, Canberra.

Distribution: New Guinea.

References: **(tx)** Schedl 1973e: 94, 1978a: 36.

incisus (Sampson) 1928: 1 (*Crossotarsus*). Holotype ♂; Sibajak vulkan [Sumatra]; BMNH, London.

Distribution: Indonesia (Sumatra).

Notes: (1) Browne 1962e: 651 (to *Baiocis*).

References: **(ds)** Schedl 1972f: 142. **(tx)** Browne 1962e: 651; Sampson 1928: 1; Schedl 1941c: 359, 1972f: 142.

inimicus (Schedl) 1935k: 482 (*Crossotarsus*).

Lectotype ♂; Luzon, Mountain Province, Benguet, Mount Santo Tomas; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 37.

Distribution: New Britain Island, Philippine Islands (Luzon).

Hosts: *Ficus* sp.

Notes: (1) Schedl 1958k: 152 (erroneously placed this species in *Platypus* and gave it an unneeded new name).

References: **(ds)** Schedl 1972f: 142. **(tx)** Browne 1962e: 651; Nobuchi 1985: 330; Schedl 1935k: 482, 1939b: 398, 1941c: 258–259, 1958k: 152, 1972f: 142, 1978a: 37.

velatus Schedl 1958k: 152 (*Platypus*). Lectotype ♂; Luzon, Mountain Province, Benguet, Mount Santo Tomas; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 37, automatic.

Notes: (1) This is an unneeded replacement name that resulted from a taxonomic error in generic placement.

References: **(ds)** Schedl 1965g: 24, 1966b: 101, 1968f: 537. **(tx)** Browne 1962e: 652; Schedl 1958k: 152, 1972f: 142.

kuntzeni (Schedl) 1937d: 40 (*Platypus*). Lectotype ♂; Deutsch-Neu-Guinea, Hauptlager, Flusslager, Etappenberg, Maifluss; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 40.

Distribution: New Guinea.

Notes: (1) Browne 1983a: 555 (to *Baiocis*).

References: **(cn)** Wylie & Shanahan 1975. **(ec)** Roberts 1980. **(hb)** Wylie & Shanahan 1975. **(ds)** Browne 1983a: 555; Schedl 1936g: 513, 1968e: 264, 1972f: 103. **(tx)** Browne 1983a: 555; Schedl

- 1936d: 13, 1937d: 40–41, 1940b: 434–435, 1941e: 153, 1955b: 282, 1972f: 103, 1978a: 40.
- nubilosus Roberts & Morimoto** 1986: 162. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Garcinia* sp.
References: (tx) Roberts & Morimoto 1986: 162.
- pasohensis (Schedl)** 1939e: 362 (*Platypus*). Syntypes ♂; Malaya, Negri Sembilan: Pasoh For. Res.; BMNH, London and Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya).
Hosts: *Shorea laevis*.
Notes: (1) Schedl 1978a: 51 (intended to designate a lectotype, but cited the wrong publication; this invalidated the designation). (3) Schedl 1942a: 203 (described female).
References: (cn) Mathur & Singh 1961a: 39. (ds) Beeson 1941 (1961: 266); Browne 1961c: 211; Mathur & Singh 1961a: 39; Schedl 1972f: 198. (tx) Browne 1962e: 652; Schedl 1939e: 362, 1942a: 203, 1972f: 198, 1978a: 51.
- perangustus (Schedl)** 1942a: 202 (*Platypus*). Lectotype ♂; Malaya, Rotan Tunggal F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 53.
Distribution: Asia (Malaya).
References: (ds) Browne 1961c: 212; Schedl 1972f: 200. (tx) Browne 1962e: 652; Schedl 1942a: 202, 1972f: 200, 1978b: 52.
- perinimicus (Schedl)** 1941c: 358 (*Platypus*). Lectotype ♂; Java, Mount Gede, Kalshoven Nr. 20; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 53.
Distribution: Indonesia (Java, Sumatra).
Hosts: *Castanea argentea*, *C. javanica*, *Cinnamomum camphora*, *Eurya japonica*.
References: (ds) Kalshoven 1960: 40; Schedl 1972f: 142. (tx) Schedl 1941c: 358–359, 1942a: 203, 1954a: 145, 1961c: 70, 1972f: 142, 1978a: 53.
- pernanulus (Schedl)** 1935k: 482 (*Crossotarsus*). Lectotype ♂; Luzon, Laguna Province, Mount Maquiling, 400 feet; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 54.
Distribution: Asia (India/ Malaya/ Thailand), Australia (Queensland), Indonesia (Borneo, Java), New Guinea, Philippine Islands (Luzon).
Hosts: *Artocarpus lakoocha*, *Castanopsis sumatrana*, *Dryobalanops aromatica*, *Lophopetalum* sp., *Nephelium* sp., *Pometia* sp., *Shorea leprosula*.
Notes: (1) Browne 1962e: 652 (to *Baiocis*).
References: (hb) Browne 1961c: 211. (ds) Beaver & Browne 1975: 302; Beeson 1941 (1961: 266); Browne 1961c: 211, 1962c: 202, 1980a: 371, 1983a: 554, 1984c: 450; Ohno, Yoneyama, & Nakazawa 1987a: 95, 1987b: 89; Schedl 1936g: 514, 1966b: 96, 1969c: 61, 1972f: 143, 1980b: 195. (tx) Browne 1962e: 652; Nobuchi 1985: 330; Schedl 1935k: 482, 1939e: 336, 362, 1942c: 165, 1958i: 214, 1969a: 215, 1972f: 143, 1978a: 54.
- seminitens (Schedl)** 1971c: 395 (*Platypus*). Holotype ♂; India; Schedl Collection in NHMW, Wien.
Distribution: Asia (India).
Notes: (1) Schedl 1978a: 65 (to *Baiocis*).
References: (ds) Schedl 1972f: 143. (tx) Schedl 1971c: 395–396, 1972f: 143, 1978a: 65.
- solomonicus Browne** 1986b: 335. Holotype ♂; Solomon Islands: Lever Harbor to Nagoya (Japan); BMNH, London.
Distribution: Solomon Islands.
Hosts: *Beilschmiedia* sp.
References: (tx) Browne 1986b: 335.
- sublunaris (Schedl)** 1937e: 544 (*Crossotarsus*). Syntypes ♂ ♀; S.O. Borneo; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo).
Notes: (1) Schedl 1978a: 71 (citation of holotype invalid, to *Baiocis*).
References: (ds) Schedl 1972f: 142–143. (tx) Schedl 1937e: 544, 1972f: 142–143.
- unispinosus Roberts** 1986: 39. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (tx) Roberts 1986: 39.
- variolosus (Schedl)** 1942a: 201 (*Platypus*). Lectotype ♀; Malaya, Perak, Larut Hills, 4500 feet; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 79.
Distribution: Asia (Malaya).
References: (ds) Browne 1961c: 212; Schedl 1971c: 367, 1972f: 242. (tx) Browne 1962e: 652; Schedl 1942a: 201, 1972f: 242, 1978a: 79.

Genus *Cylindropalpus* Strohmeier

- CYLINDROPLATYPUS STROHMEIER 1911a: 174. Type-species: *Cylindropalpus africanus* Strohmeier, monobasic.
References: (hb) Schedl 1958d: 195, 1962k: 959, 1972f: 131, 1977b: 255. (ds) Schedl 1962k: 959, 1972f: 131, 1977b: 255. (tx) Browne 1955: 364, 1962e: 650, 655, 1972a: 183; Hopkins 1914: 120, 132, 1915c: 227; Sampson 1924: 133; Schedl 1935g: 320, 1939b: 397–399, 1941d: 416, 1952i: 7, 1952j: 6, 1957d: 125, 1961e: 157, 1962k: 959, 1972f: 131, 1977b: 255; Strohmeier 1911a: 174, 1912c: 21, 1914c: 12–13, 17–20, 29–30, 1918: 1–46.
- affinis Strohmeier** 1912f: 80. Holotype ♂; West-Usambara; Strohmeier Collection.
Distribution: Africa (Ghana/ Tanzania/ Uganda).
Hosts: *Aningeria altissima*, *A. robusta*, *Chrysophyllum metallicum*, *C. natalensis*, *C. perpulchrum*, *Scorodophloeus zenkeri*.
References: (hb) Browne 1963a: 249; Gardner 1957: 30. (ds) Browne 1963a: 249; Mayne & Donis 1960: 98, 1962: 280; Schedl 1962k: 978,

1972f: 133; Strohmeyer 1912c: 21, 1914c: 30. **(tx)** Schedl 1941d: 416, 1950d: 14, 1952j: 6, 1957d: 125, 1962k: 978, 1972f: 133; Strohmeyer 1912c: 21, 1912f: 80, 1914c: 30.

auricomans (Schaufuss) 1897b: 106 (*Platypus*). Holotype ♂; Kamerun; IPKE, Eberswalde.

Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Nigeria/ Sierra Leone/ Togo/ Zaïre/ Zambia).

Hosts: Browne 1963a: 249, Schedl 1962k: 969–971 (many hosts listed).

Notes: (3) Strohmeyer 1911a: 174 (described female).

References: **(an)** Roberts 1961. **(bv)** Loytyniemi, Beaver, & Loytyniemi 1985: 28. **(cn)** Cachan 1958; Fougereousse 1957. **(ec)** Akanbi 1978: 123; Cachan 1957: 1–126, 1958: 393–398; Roberts 1969a; Schedl 1962k: 967; Schimitschek 1964c. **(hb)** Beaver & Loytyniemi 1985b: 115; Browne 1961b: 23, 1962d: 94, 1963a: 249; Loytyniemi, Beaver, & Loytyniemi 1985: 28; Roberts 1961: 31; Schedl 1962k: 967; Thompson, G. H. 1963: 59. **(ds)** Beaver & Loytyniemi 1985b: 115; Bletchly 1961: 15; Browne 1963a: 249, 1980c: 486, 1984b: 228; Jones, Roberts, & Baker 1959: 13–14, 44–50, 54; Mayne & Donis 1951: 355, 1960: 98, 1962: 192; Roberts 1968: 192, 1969: 104; Schedl 1933f: 195, 1937b: 407, 1937d: 43, 1938d: 452, 1950d: 14, 1951f: 40, 1961g: 22, 1962h: 61, 1962k: 967, 1120, 1965e: 357, 1965g: 22, 1972f: 133; Strohmeyer 1912c: 19, 1914c: 28; Thompson, G. H. 1963: 59. **(tx)** Hopkins 1914: 120, 132; Sampson 1924: 133; Schaufuss 1897b: 106–107; Schedl 1933f: 195, 1935g: 320, 1938d: 452, 1939b: 398, 1941d: 416, 1951f: 40, 1954d: 874, 1954e: 48, 51, 59, 71–72, 1957b: 152, 1957d: 125, 1962k: 967, 1965g: 22, 1972f: 133; Strohmeyer 1911a: 174, 1912c: 19, 21, 1912f: 80, 1914c: 28.

africanus Strohmeyer 1911e: 174. Syntypes; Kamerun; 2♂, 1♀ in MNB, Berlin, 1♂, 1♀ in IPKE, Eberswalde. Synonymy: Schedl 1962k: 967, 1972f: 133.

References: **(cn)** Mayne & Donis 1951: 335. **(ec)** Mayne & Donis 1951: 335. **(ds)** Mayne & Donis 1962: 266; Strohmeyer 1912c: 21, 1914c: 30. **(tx)** Hopkins 1914: 120; Sampson 1924c: 133; Schedl 1933f: 195, 1935g: 319–320, 1937b: 407, 1937d: 42–43, 1950d: 14, 1972f: 133; Strohmeyer 1911e: 174, 1912c: 21, 1912f: 80, 1914c: 30.

caliginosus Roberts 1966b: 619. Holotype ♂; Nigeria: Gyl Nyaki, Mambilla Plateau, Sardauna Province, over 5000 feet; BMNH, London.

Distribution: Africa (Nigeria).

References: **(ds)** Roberts 1968: 192, 1969: 104; Schedl 1972f: 134. **(tx)** Roberts 1966b: 619, 1970a: 65; Schedl 1970i: 221–231, 1972f: 134.

camerunus (Schedl) 1941d: 417 (*Platyscapus*). Holotype ♂; Kamerun; Schedl Collection in NHMW, Wien.

Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Nigeria/ Sierra Leone).

Hosts: *Afzelia* spp., *Anthonotha* spp., *Baphia nitida*, *Barteria nigritiana*, *Chrysophyllum lacourtianum*, *Pentaclethra celtideana*, *Terminalia superba*, *Triplochiton scleroxylon*.

Notes: (3) Schedl 1954d: 885 (described female).

References: **(ec)** Akanbi 1978: 123; Jover 1952: 73–81; Roberts 1969a; Schedl 1962k: 977. **(hb)** Browne 1962d: 94; Jover 1952: 73–81; Schedl 1962k: 973. **(ds)** Cachan 1957: 15, 43–50; Roberts 1968: 192, 1969b: 104–105; Schedl 1962b: 61, 1962k: 977, 1965e: 357, 1971g: 194, 1972f: 133, 1975h: 352, 1984b: 620; Thompson, G. H. 1963: 60. **(tx)** Schedl 1941d: 447, 1950e: 212, 1954d: 874, 885–886, 1954e: 59, 65, 71, 1957d: 125, 1962k: 977, 1121, 1972f: 133, 1978a: 18.

cultellus (Schedl) 1953d: 105 (*Platyscapus*). Lectotype ♀; Madagascar, Mt. d'Ambre, 1140 m; Schedl Collection in NHMW, Wien.

Distribution: Madagascar.

Notes: (3) Schedl 1961e: 157 (described male).

References: **(ds)** Schedl 1972f: 133, 1977b: 256. **(tx)** Schedl 1953d: 105–106, 1961e: 157, 1972f: 133, 1977b: 256, 1978a: 22.

granulosus (Schedl) 1957d: 126 (*Platyscapulus*). Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.

Distribution: Africa (Ghana/ Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Sierra Leone/ Tanzania/ Uganda/ Zaïre).

Hosts: *Aningeria robusta*, *Anthonotha macrophylla*, *Barteria nigritiana*, *Carapa grandiflora*, *Chrysophyllum* spp., *Combretodendron macrophyllum*, *Drypetes leonensis*, *Khaya anthotheca*, *Microcos pinnatifida*, *Pachystela laurentii*, *Randia acuminata*, *Scorodophloeus zenkeri*, *Synsepalum* spp., *Tridesmostemon claussensii*.

References: **(ec)** Schedl 1958d: 197. **(ds)** Schedl 1962h: 61, 1962k: 979, 1972f: 134. **(tx)** Schedl 1957d: 125–127, 1962k: 979, 1972f: 134, 1978a: 33.

granulosus subaffinis Schedl 1957d: 126 (*Platyscapulus*). Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.

References: **(ec)** Schedl 1962k: 979. **(hb)** Schedl 1962k: 979. **(ds)** Schedl 1959q: 706, 1962k: 979, 1972f: 134. **(tx)** Schedl 1952j: 6, 1957d: 126–127, 1959q: 706, 1962h: 61, 1962k: 979–980, 1972f: 134, 1978a: 34.

granulosus fratellus Schedl 1957d: 127 (*Platyscapulus*). Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.

References: **(ec)** Schedl 1962k: 983. **(hb)** Schedl 1962k: 983. **(ds)** Mayne & Donis 1960: 100, 1962: 288; Schedl 1958d: 196, 1961m: 84, 1962k: 983–984, 1972f: 134. **(tx)** Schedl 1957d:

127, 1961m: 84, 1962k: 983–984, 1972f: 134, 1978a: 33.

interpositus (Schedl) 1957d: 127 (*Platyscapulus*). Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.

Distribution: Africa (Ruanda/ Zaire).

Hosts: *Chrysophyllum africanum*, *C. lacourtianum*, *C. pruniforme*, *Drypetes leonensis*, *Julbernardiascreti*, *Pachystela laurentii*, *Strombosiaopsis tetrandia*, *Synsepalum longecuneatum*.

References: (cn) Anonymous 1970c: 12. (ec) Schedl 1962k: 841. (hb) Browne 1963a: 260; Schedl 1962k: 841, 989. (ds) Anonymous 1970c: 12; Browne 1963a: 260; Mayne & Donis 1960: 96, 1962: 271; Schedl 1962k: 841, 989, 1964f: 619, 1964j: 43, 1970h: 179, 1972f: 134, 158, 1975k: 279. (tx) Schedl 1957d: 127–128, 1962k: 841, 989, 1972f: 134, 1978a: 38.

laudatus (Schedl) 1941d: 416 (*Platyscapus*). Syn-types ♂ ♀; ♂ from Niala, Congo, ♀ from Ukaika; Schedl Collection in NHMW, Wien.

Figures: Schedl 1962k: 961, 1972f: 131 (male).

Distribution: Africa (Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Tanzania/ Uganda/ Zaire).

Hosts: Schedl 1962k: 961–964 (many hosts listed). Notes: (1) Schedl 1978a: 40 (citation of male holotype invalid).

References: (ec) Schedl 1962k: 960, 1972c: 59. (hb) Gardner 1957: 30; Schedl 1962k: 960. (ds) Browne 1984b: 288; Cachan 1957: 15; Mayne & Donis 1960: 98, 1962: 285, 288, 1984b: 288; Roberts 1968: 192, 1969: 105; Schedl 1962k: 960, 1965e: 357, 1972f: 134. (tx) Nunberg 1961b: 625; Schedl 1941d: 416, 1950e: 211, 1952j: 6, 1954d: 874, 1955f: 260–261, 1957d: 125, 1962k: 960–961, 1962n: 698, 1972f: 134, 1978a: 40.

maximus Browne 1972c: 109. Holotype ♂; Congo-Kinshasa: Kivu, Bitale; MRCB, Tervuren.

Distribution: Africa (Zaire).

References: (tx) Browne 1972c: 109.

pernix (Schedl) 1941d: 418 (*Platyscapus*). Holotype ♂; St. Thome [Africa]; Schedl Collection in NHMW, Wien.

Distribution: Africa (Sao Tome Island).

References: (ec) Schedl 1972c: 60. (ds) Schedl 1972f: 134. (tx) Nunberg 1967b: 329; Schedl 1941d: 418, 1962k: 989, 1972f: 134, 1978a: 54.

pertinax (Schedl) 1941d: 418 (*Platyscapus*). Holotype ♂; Kamerun; Schedl Collection in NHMW, Wien.

Distribution: Africa (Cameroon/ Nigeria/ Sierra Leone/ Zaire).

Hosts: *Chrysophyllum* spp., *Pterocarpus soyauxii*, *Synsepalum subcordatum*, *Trichilia lanata*, *Tridesmostemon claessensii*.

References: (ec) Schedl 1962k: 988. (hb) Schedl 1962k: 988. (ds) Roberts 1968: 192, 1969: 105; Schedl 1957d: 127, 1962k: 988, 1972f: 134. (tx)

Nunberg 1968: 329; Schedl 1941d: 418, 1962k: 988, 1121, 1972f: 134, 1978a: 54.

pumilio (Schedl) 1941d: 419 (*Platyscapus*). Holotype ♂; Congo; Schedl Collection in NHMW, Wien.

Distribution: Africa (Ghana/ Ivory Coast/ Nigeria/ Sierra Leone/ Zaire).

Hosts: *Anopyxis klaineana*, *Chrysophyllum africanum*, *C. lacourtianum*, *Iringia gabonensis*, *Microdesmis puberula*, *Synsepalum longecuneatum*.

References: (bv) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (ec) Schedl 1962k: 922. (hb) Beaver & Loytyniemi 1985b: 115; Browne 1963a: 250; Loytyniemi, Beaver, & Loytyniemi 1985: 28; Schedl 1962k: 922. (ds) Beaver & Loytyniemi 1985b: 115; Browne 1963a: 250; Mayne & Donis 1962: 286; Roberts 1968: 192, 1969: 105; Schedl 1962h: 61, 1962k: 922, 1972f: 134; Thompson, G. H. 1963: 60. (tx) Schedl 1941d: 419–420, 1952i: 22, 1954e: 59, 71, 1957d: 128, 1961m: 84, 1962h: 61, 1962k: 992, 1121, 1972f: 134, 1978a: 59.

pusillus (Schedl) 1952i: 22 (*Platypus*). Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Chrysophyllum africanum*, *Microdesmis puberula*, *Synsepalum subcordatum*.

References: (ec) Schedl 1962k: 991. (hb) Schedl 1962k: 991. (ds) Schedl 1962k: 991, 1972f: 134. (tx) Schedl 1952i: 22, 1957d: 125, 128, 1962k: 991, 1972f: 134, 1978a: 59.

pusillus Schedl 1957d: 128 (*Platyscapulus*). Holotype ♀; Congo Belge; Yangambi; MRCB, Tervuren, preoccupied by Schedl 1952.

Notes: (1) It is obvious that Schedl intended to describe only the female of an established species, but in so doing he inadvertently validated a new homonymous name.

References: (tx) Schedl 1957d: 128.

sulcatulus Browne 1986c: 670. Holotype ♂; Solomon Islands: Lever Harbor to Nagoya (Japan), imported; BMNH, London.

Distribution: Solomon Islands.

Hosts: *Calophyllum* sp., *Celtis* sp. logs.

References: (tx) Browne 1986c: 670.

tenax (Schedl) 1941d: 419 (*Platyscapus*). Holotype ♀; Fernando-Po; Schedl Collection in NHMW, Wien.

Distribution: Africa (Fernando Po Island).

References: (ds) Schedl 1972f: 134. (tx) Schedl 1941d: 419, 1962k: 989, 1972f: 134, 1978a: 72.

Genus *Triozastus* Schedl

TRIOZASTUS SCHEDL 1939b: 402, 403. Type-species: *Crossotarsus banghaasi* Strohmeier, monobasic. Keys: Browne 1962e: 635, 1971d: 224.

References: (ay) Browne 1972a: 182. (hb) Browne 1971d: 224–225; Schedl 1962k: 680, 1972f: 246. (ds) Browne 1971d: 224–225; Schedl

- 1952g: 54, 1972f: 246. (**tx**) Browne 1962e: 635, 649, 1971d: 224–225, 1972a: 182; Nunberg 1953: 44, 1960: 287–308, 1963a: 567–572; Schedl 1936e: 51, 1939b: 397, 400–403, 1939p: 288–289, 1952i: 7, 1962k: 680–681, 1972f: 246.
- banghaasi** (Schaufuss) 1905: 87 (*Crossotarsus*). Holotype ♂: Dar-es-Salaam, Afr. Or. [Tanzania]; Hamburg Museum, lost. Figures: Nunberg 1963a: 566, Schedl 1962k: 681. Distribution: Africa (Angola/ Cameroon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Nigeria/ South Africa/ Tanzania/ Uganda/ Zaire/ Zimbabwe). Hosts: *Albizia ferruginea*, *A. zygia*, *Antiaris africana*, *Baphia nitida*, *Blighia welwitschii*, *Bosqueia angolensis*, *Piptadeniastrum africanum*, *Sterculia rhinopetala*, *Strombosia pustulata*, *Trachylobium verrucosum*, *Trichilia heudelotii*, *T. lanata*, *T. rubescens*, *Triplochiton scleroxylon*. Notes: (1) Schedl 1939b: 402 (to *Triozastus*), Browne 1971d: 228 (established subspecies *benghaasi* and *handeniensis*). (3) Schedl 1935: 314 (described female). References: (**ay**) Menier 1976: 348. (**bv**) Menier 1976: 348. (**ec**) Akanbi 1978: 123; Schedl 1962k: 682. (**hb**) Browne 1963a: 253; Schedl 1962k: 682; Strohmeier 1911a: 182. (**ds**) Beaver & Loytyniemi 1985b: 117; Browne 1963a: 253, 1971d: 227, 1975a: 757; Menier 1973a; Roberts 1968: 189; Schedl 1962k: 682, 1966a: 276, 1971e: 4, 1972e: 285, 1972f: 248; Strohmeier 1911a: 182, 1911f: 204, 1912c: 6, 1914c: 34. (**tx**) Browne 1971d: 227–228; Nunberg 1963a: 566, 568; Powell, W. 1987: 28; Schaufuss 1905: 5, 87; Schedl 1933f: 200, 1935e: 153, 1935g: 314–315, 1939b: 402–403, 1961m: 85, 1962k: 681–682, 1970i: 229, 1972f: 248, 1978a: 14; Strohmeier 1912c: 6, 1914c: 34.
- bifurcus** Schedl 1941d: 412. Holotype ♂; Mayumbe, Congo; Schedl Collection in NHMW, Wien. Notes: (3) Schedl 1972f: 248 (treated as a subspecies). References: (**tx**) Schedl 1941d: 411–413, 1962h: 65, 1962k: 697, 1972f: 248, 1978a: 15.
- handeniensis** Nunberg 1960b: 306. Holotype ♂; Tanganyika Terr., Handeni, 350 m; MRCB, Tervuren. Notes: (3) Browne 1971d: 228 (treated as a subspecies). References: (**bv**) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (**hb**) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (**tx**) Browne 1971d: 228–229; Nunberg 1960a: 287–308, 1960b: 153–162, 1963a: 569–571; Schedl 1972f: 248.
- brevidens** Browne 1971d: 226. Holotype ♂; Ghana: Kintampo; MRCB, Tervuren. Distribution: Africa (Ghana). References: (**hb**) Beaver & Browne 1975: 302. (**tx**) Browne 1971d: 226–227.
- brownei** Beaver in Beaver & Loytyniemi 1985: 118. Holotype ♂; Zambia: Chati, Kitwe; BMNH, London. Distribution: Africa (Zambia). References: (**bv**) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (**hb**) Beaver & Loytyniemi 1985b: 118; Loytyniemi, Beaver, & Loytyniemi 1985: 28. (**ds**) Beaver & Loytyniemi 1985b: 118.
- caliginosus** Roberts 1966b: 634. Holotype ♂; Nigeria: Boshi Extension F.R.; BMNH, London. Distribution: Africa (Nigeria/ an apparent separate geographical race in Ghana, Zaire). Hosts: *Bosqueia angolensis*, *Deinbollia* sp., *Pausinystalia macroceras*, *Piptadeniastrum africanum*, *Pittosporum viridiflorum*, *Rauwolfia vomitoria*, *Santiria trimera*, *Schefflera manii*, *Strombosia* spp. Notes: (1) Browne 1971d: 233 (established subspecies). References: (**ds**) Roberts 1968: 189, 1969: 122. (**tx**) Roberts 1966b: 364; Schedl 1970i: 229, 1972f: 248.
- caliginosus humilis** Browne 1971d: 233. Holotype ♂; Congo-Kinshasa: Yangambi; MRCB, Tervuren. Notes: (1) Distribution: Ghana and Zaire. References: (**tx**) Browne 1971d: 233.
- elongatus** Schedl 1954e: 83. Lectotype ♂; Mpraeso [Ghana]; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 27. Figures: Nunberg 1963a: 570. Distribution: Africa (Ghana/ Nigeria). Hosts: *Albizia zygia*, *Bussea occidentalis*, *Cleistopholis patens*, *Piptadeniastrum africanum*, *Strombosia pustulata*, *Trichilia prieuriana*. Notes: (3) Browne 1965a: 207 (described female), Browne 1971d: 229 (a good species), Schedl 1972f: 248 (a subspecies of *banghaasi*). References: (**ds**) Browne 1971d: 229; Roberts 1968: 189, 1969: 122; Thompson, G. H. 1963: 70. (**tx**) Browne 1965a: 207, 1971d: 229; Nunberg 1963a: 569–571; Schedl 1954e: 59, 65, 82–85, 1962h: 64, 1962k: 697, 1972f: 248, 1978a: 27.
- marshalli** (Sampson) 1924c: 128 (*Crossotarsus*). Holotype ♀; S. Africa, Salisbury; BMNH, London. Figures: Browne 1971d: 219, Nunberg 1963a: 566, 570, Schedl 1972f: 246. Distribution: Africa (Angola/ Cameroon/ Congo/ Dahomey/ Fernando Po Island/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Mozambique/ Nigeria/ Ruanda/ Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaire/ Zambia/ Zimbabwe). Hosts: *Afromosia elata*, *Azelia cuanzensis*, *Albizia gummifera*, *Alstonia boonei*, *Antiaris welwitschii*, *Bosqueia angolensis*, *Celtis mildbraedii*, *Daniellia oliveri*, *Drypetes gossweileri*, *Ekebergia* sp., *Entandrophragma* sp., *Erythrophloeum guineense*, *Gilbertiodendron dewevrei*,

Grevillea sp., *Guarea cedrata*, *G. thompsonii*, *Macaranga* sp., *Ongokea gore*, *Parkia biglobosa*, *Polyalthia suaveolens*, *Pygeum africanum*, *Scorodophloeus zenkeri*, *Terminalia superba*, *Trachylobium verrucosum*. Browne 1971d, Schedl 1962k: 687–690 (list many additional hosts).

Notes: (3) Browne 1971d: 230 (a good species), Schedl 1972f: 248 (treated as a subspecies of *banghaasi*).

References: (**hb**) Beaver & Loytyniemi 1985b: 119. (**ds**) Beaver & Loytyniemi 1985b: 119; Browne 1971d: 230, 1983a: 556; Mayne & Donis 1960: 100, 1962: 292; Roberts 1968: 189, 1969: 122; Schedl 1933f: 200, 1938d: 452, 1975h: 351; Wood, S. L. 1957e: 1272. (**tx**) Browne 1971d: 219, 230; Nunberg 1963a: 569–570; Sampson 1924c: 128–129; Schedl 1933f: 200, 1935e: 153, 1935g: 314–315, 1936e: 51, 1937d: 33–36, 1939b: 390, 1941d: 413, 1941e: 153–154, 1950d: 5, 12, 1952g: 69, 1953g: 243, 1955d: 270, 1955f: 261, 1955i: 213, 1962k: 684–685, 1109, 1972f: 248.

pertenuis Schedl 1935g: 315 (*Crossotarsus*). Syn-types ♂; French Equatorial Africa: Lambarene; MNHN, Paris and Schedl Collection in NHMW, Wien. Synonymy: Browne 1971d: 230. Notes: (3) Schedl 1939g: 169 (described female), 1972f: 248 (a subspecies of *banghaasi*).

References: (**ds**) Mayne & Donis 1960: 100, 1962: 293; Roberts 1968: 189, 1969: 122. (**tx**) Browne 1971d: 230; Schedl 1935g: 315–316, 1939g: 169, 1954e: 82, 1962k: 688, 1109, 1972f: 248, 1978a: 54.

propatulus Schedl 1935e: 153. Lectotype ♂; Deutsch-Afrika: Amani; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 57. Synonymy: Browne 1971d: 230.

Notes: (1) Schedl 1952g: 54 (to *Triozastus*). (3) Schedl 1937d: 35 (described female).

References: (**cn**) Curry 1958b: 128–132. (**ec**) Akanbi 1978: 123; Jover 1952: 73–81; Roberts 1969a: 122. (**hb**) Gardner 1957: 30; Jones, Roberts, & Baker 1959: 13; Jover 1952: 73–81; Webb & Jones 1957: 36–37, 41. (**ds**) Cachan 1957: 6, 15; Ferreira 1965: 1130; Mayne & Donis 1960: 100, 1962: 293; Nunberg 1960a: 306; Roberts 1961: 39–43, 1968: 189; Schedl 1934a: 247, 1938d: 451, 1959p: 22, 1962h: 64, 1962k: 691, 1966c: 230, 1967e: 221, 1969a: 203, 1971e: 2, 1971g: 196, 1972e: 285, 1972f: 64, 1975h: 352, 1979b: 417; Thompson, G. H. 1960, 1963: 70; Tordo 1957: 9. (**tx**) Browne 1971d: 230; Nunberg 1963a: 570–571; Schedl 1934a: 247, 1935e: 153–154, 1935g: 314, 1937b: 407, 1937d: 35–36, 1939g: 169, 1941d: 381, 1950e: 212, 1952g: 54, 1954d: 874, 1954e: 59–71, 1955i: 213, 1962h: 64–65, 1962k: 691, 1972f: 248, 1978a: 57.

dubiosus Schedl 1937d: 36 (*Crossotarsus*). Lectotype ♀; D.-O.-Afrika: Morogara; Schedl Col-

lection in NHMW, Wien, designated by Schedl 1978a: 27. Synonymy: Schedl 1962k: 685.

References: (**tx**) Nunberg 1963a: 566, 568; Schedl 1935g: 314, 1937d: 35–36, 1939b: 390, 1941e: 154, 1962k: 685, 1972f: 248, 1978a: 27.

pilosulus (Schedl) 1933f: 200 (*Crossotarsus*). Syn-types ♂; Equator: Flandria and Haut-Uele; Moto; MRCB, Tervuren, and Schedl Collection in NHMW, Wien.

Figures: Nunberg 1963a: 570.

Distribution: Africa (Central African Republic/ Nigeria/ Sierra Leone/ Zaire).

Hosts: *Piptadeniastrum africanum*.

Notes: (3) Nunberg 1963a: 569 and Browne 1971d: 225 (a good species), Schedl 1941d: 413, 1972f: 248 (= *marshalli*).

References: (**ds**) Browne 1971d: 225, 1980c: 486, 1980d: 493; Roberts 1969: 121; Schedl 1933f: 200, 1938d: 452, 1943c: 69; Wood, S. L. 1957e: 1272. (**tx**) Browne 1971d: 225; Nunberg 1963a: 569–570; Schedl 1933f: 200, 1935e: 153, 1935g: 314, 1937d: 35–36, 1941d: 381–413, 1941e: 153.

Genus *Mesoplatypus* Strohmeier

MESOPLATYPUS STROHMEIER 1912: 78. Type-species: *Mesoplatypus grandiclavata* Strohmeier, monobasic.

Keys: Browne 1962e: 655.

References: (**bv**) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (**hb**) Loytyniemi, Beaver, & Loytyniemi 1985: 28; Schedl 1972f: 166. (**ds**) Schedl 1972f: 166. (**tx**) Browne 1962e: 649, 655, 1965a: 206, 1972a: 184; Hopkins 1914: 124, 133, 1915c: 227; Nunberg 1953: 44, 1965a: 385; Schedl 1939b: 402–403, 1957d: 128, 1962k: 995, 1963j: 483, 1965e: 349–379, 1972f: 166–168; Strohmeier 1912c: 7, 1914c: 8–37, 1918: 1–46.

appendicinus Schedl 1965e: 374. Holotype ♂; Congo ex belge-Katanga, Bukama; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

References: (**ds**) Schedl 1972f: 168. (**tx**) Schedl 1965e: 374, 1972f: 168, 1978a: 12.

bilobatus Nunberg 1969a: 400. Holotype ♂; Bingerville [Ivory Coast]; MRCB, Tervuren.

Distribution: Africa (Ivory Coast).

Notes: (3) Schedl 1972q: 264 (= *nigeriensis*, *venustus*), Beaver & Loytyniemi 1985: 115 (a good species).

References: (**ds**) Schedl 1972f: 168. (**tx**) Beaver & Loytyniemi 1985: 115; Nunberg 1969a: 400; Schedl 1972f: 168, 1972q: 264.

calabarius Roberts 1965: 226. Holotype ♂; Nigeria: Oban; BMNH, London.

Distribution: Africa (Nigeria).

Hosts: *Diospyros* sp.

Notes: (3) Schedl 1972: 168 (= *nigeriensis*), Browne 1972: 111 and Beaver & Loytyniemi 1985: 115 (a good species).

References: (**ds**) Roberts 1968: 192. (**tx**) Beaver

- & Loyttniemi 1985b: 115; Browne 1972c: 111; Roberts 1965: 226, 1972f: 168.
- curridens Browne** 1980e: 777. Holotype ♂: Zaire: Park National Albert, secteur nord, Ihunga, affl. rive droite Semliki, 1050 m; MRCB, Tervuren. Distribution: Africa (Zaire). References: (tx) Browne 1980e: 777.
- elegans Schedl** 1962k: 1121. Holotype ♂: Congo; Schedl Collection in NHMW, Wien. Distribution: Africa (Zaire). References: (ds) Schedl 1972f: 168. (tx) Schedl 1962k: 1121, 1972f: 168, 1978a: 27.
- erinaceus Schedl** 1957d: 130. Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren. Distribution: Africa (Zaire). Hosts: *Tridesmostemon claessensii*. References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (ds) Mayne & Donis 1962: 278; Schedl 1962k: 996, 1966c: 233, 1972f: 168. (tx) Nunberg 1965a: 387; Schedl 1957d: 130, 1962k: 996, 1966c: 238, 1972f: 168, 1978a: 28.
- flavescens (Strohmeyer)** 1912f: 85 (*Crossotarsus*). Syntypes ♂ ♀: Mkulusumi-Berg (Deutsch-Ost-Afrika) und West-Usambara; Hamburg Museum, lost. IPKE, Eberswalde. Distribution: Africa (Cameroon/ Equatorial Guinea/ Tanzania). References: (hb) Strohmeyer 1911a: 182. (ds) Schedl 1933f: 202–203, 1972f: 168; Strohmeyer 1911a: 1182, 1912c: 7, 1914c: 34. (tx) Schedl 1933f: 202–203, 1941d: 410, 1962k: 957, 1972f: 168; Strohmeyer 1911a: 182, 1912c: 7, 1912f: 85–86, 1914c: 34.
- grandiclava Strohmeyer** 1912f: 79. Syntypes ♂ ♀; Franzosisch-Kongo; Strohmeyer Collection. Distribution: Africa (Cameroon/ Equatorial Guinea/ Gabon/ Guinea/ Zaire). References: (ds) Schedl 1962k: 997, 1966c: 233, 1971g: 195, 1972f: 168; Strohmeyer 1912c: 7, 1914c: 37. (tx) Hopkins 1914: 124, 133; Lucas 1920: 406; Nunberg 1965a: 386–387; Schedl 1939b: 394, 403, 1962k: 997, 1972f: 168; Strohmeyer 1912c: 7, 1912f: 78–79, 1914c: 27. (ms) Lucas 1920: 406.
- grandis Schedl** 1950d: 33. Holotype ♀: Congo Belge: Elisabethville; IRSNB, Brussels. Distribution: Africa (Zaire). Notes: (3) Schedl 1965e: 375 (described male). References: (ds) Schedl 1972f: 168. (tx) Schedl 1950d: 33, 1962k: 997, 1965e: 375, 1972f: 168, 1978a: 33.
- imparispinosus Roberts** 1972: 67. Holotype ♂; West Cameroon: Bafut-Ngimba Forest Reserve; BMNH, London. Distribution: Africa (Cameroon). References: (ds) Browne 1986b: 334. (tx) Roberts 1972: 67.
- kitushi Schedl** 1957d: 128. Holotype ♂: Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren. Distribution: Africa (Nigeria/ Zaire). Hosts: *Beilschmiedia lousii*, *Bosquecia angolensis*, *Ficus* sp., *Garcinia polyantha*, *Parinari holstii*, *Syzygium* sp. References: (hb) Schedl 1962k: 998. (ds) Roberts 1968: 192, 1969: 116; Schedl 1962k: 998, 1972f: 168. (tx) Nunberg 1965a: 388; Schedl 1957d: 128, 1962k: 998, 1972f: 168, 1978a: 39.
- parvus Nunberg** 1967b: 333. Holotype ♂: Cote d'Ivoire, Adiopodoume; MRCB, Tervuren. Figures: Nunberg 1967b: 333. Distribution: Africa (Ivory Coast). References: (tx) Nunberg 1967b: 333.
- quadriscopis Browne** 1972c: 110. Holotype ♂; Congo-Kinshasa: Kivu, Bitale; MRCB, Tervuren. Distribution: Africa (Zaire). References: (ds) Ohno, Yoshioka, et al. 1989: 66. (tx) Browne 1972c: 110.
- quinquecinctus (Schedl)** 1941d: 410 (*Doliopygus*). Lectotype ♂: Congo, Kivu: Lugira-Kalehe, 1600 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 61. Figures: Schedl 1962k: 958. Distribution: Africa (Guinea/ Ivory Coast/ Sierra Leone/ Tanzania/ Uganda/ Zaire). Hosts: *Parinarium holstii*, *Piptadenia* sp., *Syzygium* sp. Notes: (1) Browne 1970: 580 (to *Mesoplatypus*). References: (ds) Schedl 1962k: 957, 1966c: 232, 1972f: 168, 1979b: 416. (tx) Browne 1970: 580; Nunberg 1966a: 188; Schedl 1941d: 410, 1957d: 144, 1962k: 957–958, 1972f: 168, 1978a: 61.
- quinquecinctus cachani Schedl** 1957d: 145 (*Doliopygus*). Lectotype ♂: Ivory Coast: Adiopodoume; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 61. References: (ds) Schedl 1962k: 958, 1966a: 276, 1967e: 22, 1972f: 168. (tx) Schedl 1957d: 144–145, 1962k: 958, 1972f: 168, 1978a: 61.
- ustus Schedl** 1965e: 376. Holotype ♀; Congo ex belge-Yangambi; Schedl Collection in NHMW, Wien. Distribution: Africa (Zaire). Hosts: *Maba laurentii*. References: (ds) Schedl 1972f: 168. (tx) Schedl 1965e: 374–376, 1972f: 168, 1978a: 78.
- ventricornis Schedl** 1957d: 129. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren. Figures: Nunberg 1967a: 338. Distribution: Africa (Ghana/ Nigeria/ Zaire). Hosts: *Bussea occidentalis*, *Celtis soyauxii*, *Dialium corbisieri*. References: (bv) Loyttniemi, Beaver, & Loyttniemi 1985: 28. (hb) Beaver & Loyttniemi 1985b: 116; Browne 1963a: 253; Loyttniemi, Beaver, & Loyttniemi 1985: 28; Schedl 1962k: 998. (ds) Beaver & Loyttniemi 1985b: 116; Browne

1963a: 253; Roberts 1968: 192, 1969: 116; Schedl 1962h: 62–63, 1962k: 998, 1972f: 168. **(tx)** Nunberg 1965a: 388; Schedl 1957d: 129, 1962k: 998–999, 1972f: 168, 1978a: 79.

bituberculatus Nunberg 1967a: 325. Holotype ♀; Elisabethville, Congo; MRCB, Tervuren. Synonymy: Beaver & Loytyniemi 1985: 116.

Notes: (1) Beaver & Loytyniemi 1985: 116 (to *Mesoplatypus*).

References: **(tx)** Beaver & Loytyniemi 1985: 116; Nunberg 1967a: 325, 338.

venustus Schedl 1962k: 1122. Holotype ♂; Congo; Schedl Collection in NHMW, Wien.

Distribution: Africa (Ghana/ Nigeria/ Sierra Leone/ Zaïre).

Hosts: *Amphimas pterocarpoides*, *Bussea occidentalis*, *Celtis soyauxii*, *Coclocaryon* sp., *Dialium corbisieri*, *Hydodendron gabunensis*, *Monodora myristica*, *Oxytigma mannii*, *Pterocarpus osun*, *Pyccanthus angolensis*.

Notes: (3) Schedl 1965c: 376 (described female). References: **(ds)** Schedl 1966c: 233. **(tx)** Schedl 1962k: 112, 1965c: 376, 1972f: 168, 1978a: 80.

nigeriensis Roberts 1964: 412. Holotype ♂; Nigeria: Cross River North Forest Reserve. Synonymy: Schedl 1972q: 264.

References: **(bv)** Loytyniemi, Beaver, & Loytyniemi 1985: 28. **(hb)** Loytyniemi, Beaver, & Loytyniemi 1985: 28. **(ds)** Beaver & Loytyniemi 1985b: 115; Menier 1973a; Roberts 1968: 192, 1969: 115; Schedl 1972f: 168. **(tx)** Browne 1972c: 111; Roberts 1964: 412; Schedl 1972f: 168, 1972q: 264.

Genus *Doliopygus* Schedl

DOLIOPYGUS SCHEDL 1939b: 402–403. Type-species: *Crossotarsus bohemani* Chapuis, subsequent designation by Schedl 1972f: 143.

Scutopygus Nunberg 1966a: 187, 189. Type-species: *Crossotarsus rapax* Sampson, subsequent designation by Wood 1992a: 90.

References: **(tx)** Nunberg 1966a: 187, 189; Wood, S. L. 1992a: 90.

Pygodolius Nunberg 1966a: 188–189. Type-species: *Crossotarsus vegrandis* Sampson, subsequent designation by Wood 1992a: 90.

References: **(tx)** Nunberg 1966a: 188–189; Wood, S. L. 1992a: 90.

Mixopygus Nunberg 1966a: 188. Type-species: *Crossotarsus conradti* Strohmeier, subsequent designation by Wood 1992a: 90.

References: **(tx)** Nunberg 1966a: 188; Wood, S. L. 1992a: 90.

Mesopygus Nunberg 1966a: 187–188. Type-species: *Crossotarsus ukereweensis* Schedl, subsequent designation by Wood 1992a: 90.

References: **(tx)** Nunberg 1966a: 187–188; Wood, S. L. 1992a: 90.

Keys: Schedl 1972f: 145 (to species groups only).

References: **(ay)** Nobuchi 1969a: 69. **(hb)** Curry 1958: 128–132; Schedl 1972f: 143–146. **(ds)** Schedl 1972f: 143–146. **(tx)** Browne 1962e: 648, 1972a: 182; Nunberg 1966a: 185; Schedl 1939b: 402–403, 1957d: 1–162, 1962k: 744, 1965c: 52, 1965e: 349–379, 1972f: 143–146.

abbreviatus (Strohmeier) 1911g: 224 (*Crossotarsus*). Holotype ♂; Kamerun; Strohmeier Collection.

Distribution: Africa (Cameroon/ Nigeria)

References: **(ec)** Roberts 1969a. **(ds)** Roberts 1968: 190, 1969b: 106; Schedl 1972f: 157; Strohmeier 1912c: 7, 1914c: 34. **(tx)** Schedl 1962k: 825, 1972f: 157; Strohmeier 1911g: 224–225, 1912c: 7, 1914c: 34.

abdominales Schedl 1962k: 1109. Holotype ♂; Congo; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaïre).

References: **(ds)** Schedl 1972f: 159. **(tx)** Schedl 1941d: 413, 1952g: 56, 1962k: 1109, 1972f: 159, 1978a: 9.

acutespinatus Nunberg 1966a: 190. Holotype ♂; Congo: Kivu, forêt Biambe, terr. Lubero, 950 m; MRCB, Tervuren.

Figures: Nunberg 1966a: pl. 2, figs. 1–3.

Distribution: Africa (Zaïre).

References: **(tx)** Nunberg 1966a: 190.

aduncus Schedl 1961d: 178. Holotype ♂; [Senegal] Parc Natl. du Niokolo-Koba, Badi; MNHN, Paris. Distribution: Africa (Burkina Faso/ Central African Republic/ Ghana/ Nigeria/ Senegal/ Sierra Leone).

Hosts: *Daniella oliveri*.

References: **(ec)** Roberts 1969a. **(hb)** Browne 1963a: 254. **(ds)** Browne 1963a: 254, 1972c: 99; Roberts 1968: 191, 1969b: 106; Schedl 1962h: 61, 1962k: 885, 1972f: 162. **(tx)** Nunberg 1966a: 186; Schedl 1961d: 178, 1962k: 885, 1965g: 21, 1972f: 162, 1978a: 9.

aequalidentatus Schedl 1966a: 377. Holotype ♂; Congo ex belge-Elisabethville; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaïre/ Zambia).

References: **(bv)** Loytyniemi, Beaver, & Loytyniemi 1985: 28. **(hb)** Loytyniemi, Beaver, & Loytyniemi 1985: 28. **(ds)** Beaver & Loytyniemi 1985b: 123; Schedl 1972f: 149. **(tx)** Schedl 1965a: 377, 1972f: 149, 1978a: 10.

semimitratus Nunberg 1966a: 193. Holotype ♀; Congo: Elisabethville; MRCB, Tervuren. Synonymy: Beaver & Loytyniemi 1985: 123.

References: **(tx)** Beaver & Loytyniemi 1985: 123; Nunberg 1966a: 193.

alternans (Strohmeier) 1911g: 224 (*Crossotarsus*). Holotype ♂; Kamerun; MNB, Berlin.

Distribution: Africa (Cameroon/ Nigeria).

Hosts: *Trichilia* sp.

Notes: (3) Roberts 1966b: 620 (described female).

- References: **(ds)** Roberts 1968: 190; Schedl 1962k: 110, 1972f: 157; Strohmeier 1912c: 7, 1914c: 34. **(tx)** Nunberg 1966a: 186; Roberts 1966b: 620, 1969b: 106; Sampson 1924: 127; Schedl 1962k: 826, 1110, 1972f: 157; Strohmeier 1911g: 224, 1912c: 7, 1914c: 34.
- angolensis** Schedl 1959p: 26. Holotype, sex?; Dundo, Angola; MRCB, Tervuren.
Distribution: Africa (Angola/ Nigeria/ Zaire).
Hosts: *Dialium* sp.
Notes: (1) Originally named as a subspecies of *exilis*; Browne 1965a: 209 (a good species).
References: **(ds)** Roberts 1968: 190, 1969b: 110; Schedl 1962k: 1113, 1972f: 154. **(tx)** Browne 1965a: 209; Schedl 1959p: 26, 1962k: 779, 1113, 1972f: 154, 1978a: 11.
- arrowi** (Schedl) 1937b: 406 (*Crossotarsus*). Lectotype ♂; N. Rhodesia, N'Change, Belgisch Kongo; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 12.
Figures: Schedl 1962k: 927, 1972f: 150.
Distribution: Africa (Zaire/ Zambia/ Zimbabwe).
References: **(bv)** Loytyniemi, Beaver, & Loytyniemi 1985: 28. **(hb)** Loytyniemi, Beaver, & Loytyniemi 1985: 28. **(ds)** Beaver & Loytyniemi 1985b: 123; Schedl 1938d: 451, 1962k: 927, 1972f: 149. **(tx)** Nunberg 1966a: 187; Schedl 1937b: 406, 1938d: 451, 1957d: 136, 1962k: 927, 1972f: 149–150, 1978a: 12.
- artespinitus** (Schedl) 1935g: 318 (*Crossotarsus*). Holotype ♂; Belgian Congo; Schedl Collection in NHMW, Wien.
Distribution: Africa (Gabon/ Ghana/ Nigeria/ Uganda/ Zaire).
Hosts: Schedl 1962k: 746 (23 host species listed).
Notes: (3) Schedl 1936b: 131, 1957d: 130 (described female).
References: **(ec)** Schedl 1962k: 745. **(hb)** Schedl 1962k: 745. **(ds)** Mayne & Donis 1960: 96, 1962: 266; Nunberg 1964a: 237; Roberts 1961a: 39–43; Schedl 1962h: 61, 1962k: 745, 1967e: 221, 1972f: 153. **(tx)** Nunberg 1966a: 186; Powell, W. 1987: 27; Schedl 1935g: 318–319, 1936b: 131, 1936e: 50, 1939g: 168, 1957d: 130, 1962h: 61, 1962k: 745, 1972f: 153, 1978a: 12.
- bituberculatus** Schedl 1936b: 134 (*Crossotarsus*). Holotype ♀; Kongo; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1957d: 131.
References: **(tx)** Nunberg 1967b: 338; Schedl 1936b: 134, 1939g: 168, 1957d: 130, 1978a: 16.
- caliginosus** Roberts 1966: 620. Holotype ♂; Nigeria; Boshi Extension F.R.; BMNH, London. Synonymy: Schedl 1972f: 153.
References: **(ds)** Roberts 1968: 189. **(tx)** Roberts 1966: 620; Schedl 1972f: 153.
- ater** Browne 1972c: 117. Holotype ♂; Congo-Kinshasa: Kivu, Bitale; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: **(tx)** Browne 1972c: 117.
- berliniae** Roberts 1970a: 66. Holotype ♂; Nigeria: Mayo Selbe; MRCB, Tervuren.
Distribution: Africa (Nigeria).
Hosts: *Berlinia confusa*.
References: **(tx)** Roberts 1970a: 66.
- bidentatus** (Strohmeier) 1911g: 222 (*Crossotarsus*). Syntypes ♂ ♀; Deutsch-Ost-Afrika; MNB, Berlin, Strohmeier Collection.
Figures: Schedl 1962k: 948–949, 1972f: 164.
Distribution: Africa (Kenya/ Nigeria/ Ruanda/ Tanzania/ Zaire).
Hosts: *Cephalosphaera usambarensis*, *Pachystela laurentii*, *Polyscias kikuyuensis*. Schedl 1962k: 950–951 (15 host species listed).
References: **(hb)** Strohmeier 1911a: 182. **(ds)** Gardner 1957a; Schedl 1962k: 947, 1971e: 4, 1972f: 163; Strohmeier 1911a: 182, 1912c: 7, 1914c: 35. **(tx)** Nunberg 1966a: 187; Powell, W. 1987: 27; Schedl 1935g: 319, 1937d: 35–36, 1941d: 411, 1941e: 154, 1957d: 144, 1962h: 64, 1962k: 947–948, 1972f: 163–164; Strohmeier 1911a: 182, 1911g: 222–223, 1912c: 7, 1914c: 11, 35.
- kenyaensis** Schedl 1941d: 411. Syntypes ♂ ♀; Kenya: Mt. Elgon, 2470 m; Schedl Collection in NHMW, Wien.
Notes: (1) Schedl 1978a: 39 (citation of holotype invalid). (3) Schedl 1972f: 163 (treated as a subspecies of *bidentatus*).
References: **(cn)** Browne 1968: 247. **(hb)** Browne 1968: 247. **(ds)** Browne 1968: 247; Gardner 1957a: 28. **(tx)** Nunberg 1966a: 187; Powell, W. 1987: 27; Schedl 1941d: 408, 411, 1952j: 6, 1957d: 144, 1962h: 65, 1962k: 955, 1972f: 163, 1978a: 39.
- bidentatus posticalis** Schedl 1957d: 144. Lectotype ♂; Ruanda et du Congo Belge; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 15.
References: **(ec)** Schedl 1962k: 949. **(hb)** Gardner 1957: 28–29; Schedl 1962k: 949. **(ds)** Mayne & Donis 1962: 266; Roberts 1968: 192, 1969: 106; Schedl 1955i: 213, 1962k: 949, 1972f: 163. **(tx)** Nunberg 1966a: 189; Schedl 1957d: 144, 1962k: 949, 1972f: 163–164, 1978a: 15.
- leleupi** Nunberg 1960b: 305. Holotype ♂; Tanganyika Terr., Bunduki, Uluguru Mts., 1300 m; MRCB, Tervuren. Synonymy: Schedl 1972f: 163.
References: **(tx)** Nunberg 1960b: 300, 304, 1966a: 197; Schedl 1962h: 64, 1972f: 163.
- uluguruensis** Nunberg 1960b: 306. Holotype, sex?; Tanganyika Terr.: Uluguru Mts., vallee de l'Ululu-Ndogo, 1500 m; MRCB, Tervuren. Synonymy: Schedl 1972f: 163.
References: **(tx)** Nunberg 1960b: 304, 1966a: 197; Schedl 1962h: 65, 1972f: 163.
- bidiscoplanus** Roberts 1970b: 474. Holotype ♂; Sierra Leone: Gola North Forest Reserve; BMNH, London.
Distribution: Africa (Sierra Leone).

Hosts: *Tarrietia utilis*, *Tieghmella hecklii*.

References: (ds) Schedl 1972f: 149. (tx) Roberts 1970b: 474; Schedl 1972f: 149.

***bijunctispinae* Roberts** 1970b: 475. Holotype ♂; Sierra Leone: Gola West Forest Reserve; BMNH, London.

Distribution: Africa (Sierra Leone).

Hosts: *Ochthocosmus africanus*.

References: (ds) Schedl 1972f: 149. (tx) Roberts 1970b: 475; Schedl 1972f: 149.

***bilobatus* (Schedl)** 1936b: 127 (*Crossotarsus*). Holotype ♂; Franz. Kongo; Schedl Collection in NHMW, Wien.

Distribution: Africa (Gabon/ Nigeria/ Sierra Leone/ Zaïre).

Hosts: *Antrocaryon micraster*, *Dialium* spp., *Distemonanthus benthamianus*, *Klainedoxa gabonensis*, *Lindackeria dentata*, *Macaranga* sp., *Pentaclethra macrophylla*, *Pycnanthus angolensis*, *Strombosia scheffleri*.

Notes: (3) Schedl 1950d: 36 (described female).

References: (ec) Schedl 1962k: 748. (hb) Schedl 1962k: 748. (ds) Cola 1973; Mayne & Donis 1962: 267; Schedl 1962k: 748, 1972a: 153. (tx) Nunberg 1966a: 186; Schedl 1936b: 127–128, 1950d: 36, 1957d: 133, 142, 1962k: 748, 1972a: 153, 1978a: 16. *dialiumi* Roberts 1966: 221. Holotype ♂; Nigeria:

Alade; BMNH, London. Synonymy: Schedl 1972f: 153.

References: (ds) Roberts 1968: 189, 1969b: 108–109. (tx) Roberts 1965: 221, 1966c: 410; Schedl 1972f: 153.

***bipapillatus* Roberts** 1966c: 410. Holotype ♂; Nigeria: Cross River South Forest Reserve; BMNH, London.

Distribution: Africa (Nigeria).

References: (ds) Roberts 1968: 191; Schedl 1972f: 150. (tx) Roberts 1966c: 410; Schedl 1972f: 150.

***bitalei* Schedl** 1957d: 135. Holotype ♂; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.

Distribution: Africa (Nigeria/ Ruanda/ Zaïre).

Hosts: *Beilschmiedia lousii*, *Berlinia* sp., *Diospyros* sp., *Lovoa trichiliodes*, *Radlkofera* sp.

References: (ec) Schedl 1958d: 196, 1962k: 928. (hb) Schedl 1958d: 196, 1962k: 928. (ds) Roberts 1968: 191, 1969b: 107; Schedl 1962k: 928, 1972f: 150. (tx) Nunberg 1966a: 187; Schedl 1955f: 261, 1957d: 135, 1962k: 928, 1972f: 150, 1978a: 16.

integerrimus Roberts 1966b: 625. Holotype ♂; Nigeria: Oban; BMNH, London. Synonymy: Schedl 1972f: 150.

References: (ds) Roberts 1968: 192. (tx) Roberts 1966b: 625; Schedl 1972f: 150.

***bohemani* (Chapuis)** 1865: 93 (*Crossotarsus*). Holotype ♂; Cafrerie [Mandibira, D.O.A., given by Schedl 1971: 15]; NHR, Stockholm (Schedl 1960c: 12).

Distribution: Africa (Cameroon/ Chad/ Ethiopia/ Ghana/ Kenya/ Mozambique/ Nigeria/ Senegal/

South Africa/ Sudan/ Tanzania/ Uganda/ Zaïre/ Zambia/ Zimbabwe).

Notes: (3) Schedl 1971e: 15 (described female).

References: (ec) Roberts 1969b: 107. (ds) Browne 1975b: 395; Fahraeus 1871: 661; Schedl 1938d: 451, 1943c: 69, 1962k: 750, 1965e: 358, 1968b: 145, 1971e: 5, 15, 1971f: 150, 1972f: 153, 1975h: 351, 1982: 279; Strohmeier 1911f: 204, 1912c: 6, 1914c: 34. (tx) Browne 1962e: 648; Chapuis 1865: 93; Nunberg 1966a: 186; Schaufuss 1905: 103; Schedl 1936b: 128, 1937d: 35, 1939b: 403, 1941d: 381, 1941e: 154, 1952g: 69, 1952i: 53, 1960c: 12, 1962k: 750, 1971e: 15, 1972f: 153, 1978a: 17; Strohmeier 1911f: 204, 1912c: 6, 1914c: 34.

***bothrocephalus* (Strohmeier)** 1907g: 29 (*Crossotarsus*). Holotype ♀; Tanga, Ostafrika; Strohmeier Collection.

Distribution: Africa (Tanzania).

References: (ds) Nunberg 1960a: 301; Schedl 1972f: 112; Strohmeier 1912c: 7, 1914c: 35. (tx) Nunberg 1960: 301, 1966a: 186; Schedl 1962k: 1060, 1123, 1972f: 112; Strohmeier 1907g: 29, 1912c: 7, 1914c: 35.

***brevis* (Strohmeier)** 1911g: 228 (*Crossotarsus*). Holotype ♂; Kamerun; Strohmeier Collection.

Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Tanzania).

Hosts: *Afzelia africana*, *Albizia zygia*, *Antiaris africana*, *Blighia sapida*, *Bosqueia angolensis*, *Bussea occidentalis*, *Castilloa* sp., *Celtis mildbraedii*, *Cylicodiscus gabunensis*, *Entandrophragma utile*, *Ficus exasperata*, *Guarea cedrata*, *Hexalobus africanus*, *Hymenostegia afzelii*, *Lonchocarpus sericeus*, *Morus mesozygia*, *Panda oleosa*, *Sterculia rhinopetala*, *Strombosia glaucescens*, *Terminalia ivorensis*, *T. superba*, *Trichilia heudelotii*, *Vernonia* sp.

References: (cn) Kleine 1932a: 310, 401. (hb) Aulmann 1912: 58, 1913: 1–126; Browne 1963a: 254; Kleine 1932a: 310, 401; Strohmeier 1911a: 182. (ds) Browne 1963a: 254; Cachan 1957: 15; Kleine 1932a: 310, 401; Mayne & Donis 1962: 267; Schedl 1959p: 22, 1962k: 898, 1972f: 147; Strohmeier 1911a: 182, 1912c: 6, 1914c: 34. (tx) Nunberg 1966a: 187; Schedl 1951p: 40, 1952i: 30, 1954d: 873, 1957d: 142, 1962k: 898, 1972f: 147; Strohmeier 1911a: 182, 1911g: 228–229, 1912c: 6, 1914c: 34.

***bulbifer* Schedl** 1962k: 1110. Holotype ♂; Nigeria: Abuja; Schedl Collection in NHMW, Wien.

Figures: Roberts 1964: 402.

Distribution: Africa (Equatorial Guinea/ Nigeria/ Sierra Leone).

Hosts: *Cordia senegalensis*, *Millettia thonningii*.

References: (ec) Roberts 1969a. (ds) Roberts 1968: 191; Schedl 1971g: 194, 1972f: 151. (tx) Schedl 1962k: 1110, 1972f: 151, 1978a: 17.

bulbosus Roberts 1964: 401. Holotype ♂; Nigeria:

Abuja: BMNH, London. Synonymy: Schedl 1972f: 151.

References: **(ds)** Browne 1984c: 450. **(tx)** Roberts 1964: 401, 1969b: 107; Schedl 1972f: 151.

bulbiventris Schedl 1962k: 1112. Holotype ♂: Kamerun; Schedl Collection in NHMW, Wien.

Distribution: Africa (Cameroon/ Ghana).

References: **(ds)** Schedl 1972f: 151. **(tx)** Schedl 1962k: 872, 1972f: 151, 1978a: 17.

umbonatus Browne 1965a: 208. Holotype ♂: Ghana: Kumasi; BMNH, London. Synonymy: Schedl 1972f: 151.

References: **(tx)** Browne 1965a: 208; Schedl 1972f: 151.

caesalpiniae Roberts 1970a: 67. Holotype ♂; Nigeria: Mayo Selbe; MRCB, Tervuren.

Distribution: Africa (Nigeria).

Hosts: *Anthonota macrophylla*, *Berlinia confusa*, *Brachystegia nigerica*.

References: **(tx)** Roberts 1970a: 67.

carapae Schedl 1957d: 132. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Alstonia boonei*, *Carapa procera*.

References: **(ds)** Mayne & Donis 1960: 96, 1962: 267; Schedl 1962k: 751, 1972f: 153. **(tx)** Nunberg 1966a: 186; Schedl 1957d: 132, 1962k: 751, 1972f: 153, 1978a: 18.

chapuisi (Duvivier) 1891: 377 (*Crossotarsus*). Holotype ♀; Ibembo, Congo; not given.

Figures: Browne 1972c: 112, Nunberg 1960a: 300, 1966a: 197.

Distribution: Africa (Angola/ Bechuanaland/ Cameroon/ Congo/ Equatorial Guinea/ Ghana/ Guinea/ Ivory Coast/ Mozambique/ Nigeria/ Sierra Leone/ South Africa/ Spanish Guinea/ Tanzania/ Togo/ Uganda/ Zaire/ Zambia/ Zimbabwe). Hosts: Browne 1963a: 255, Schedl 1962k: 755–757 (many host species listed).

References: **(ay)** Lhoste & Roche 1960; Menier 1976: 348; Strohmeier 1918: 8. **(bv)** Meixner 1937: 1217; Menier 1976: 348. **(cn)** Anonymous 1953j: 25; Browne 1968b: 246; Mayne & Donis 1951: 335. **(ec)** Anonymous 1953j: 25; Fuller 1958: 100; Jover 1952: 73–81; Mayne & Donis 1951: 335; Roberts 1969a. **(hb)** Beaver & Loytyniemi 1985b: 125; Browne 1963a: 255, 1968b: 246; Cachan 1957: 6, 15; Husson 1955: 354; Jones, Roberts, & Baker 1959: 13, 21, 36; Jover 1952: 73–81; Schedl 1962k: 751; Thompson, G. H. 1963: 40; Webb 1957: 26, 36–37, 40. **(ds)** Beaver & Loytyniemi 1985b: 125; Browne 1963a: 255, 1968b: 246, 1975a: 757, 1980a: 373, 1980b: 382; Cola 1973; Ferreira 1965: 1131; Gardner 1957a: 28; Mayne & Donis 1960: 96, 1962: 267; Menier 1973a; Roberts 1960b: 35, 1960e: 35–37, 1960f: 39, 1968: 189, 1969b: 107–108; Schedl 1933f: 196, 1959p: 22, 1962h: 62–64, 1962k: 751, 1964j: 42, 1965e: 358, 1966c: 231, 1967e: 221, 1971g:

194, 1972e: 285, 1975h: 351, 1979b: 416; Strohmeier 1912c: 6, 1914c: 34; Thompson, G. H. 1963: 40. **(tx)** Browne 1972c: 112; Duvivier 1891: 377, 386; Meixner 1937: 1217; Nunberg 1966a: 186, 197; Powell, W. 1987: 27; Sampson 1924: 125–126; Schaufuss 1897b: 104–105, 1905: 103; Schedl 1933f: 196, 1936e: 51, 1937b: 407, 1937d: 35, 1939b: 391, 1939g: 167, 1941d: 381, 1941e: 153, 1950e: 205–206, 1950d: 4, 11, 14–15, 19, 1950e: 212, 1951e: 39, 1951f: 40, 1952j: 6, 1953g: 244, 1954d: 873, 1954e: 47, 54, 1955e: 270, 1962k: 751, 1972f: 153; Strohmeier 1911f: 204, 1912c: 6–7, 1914c: 34, 1918: 12–41.

maculatus Schaufuss 1897b: 104 (*Crossotarsus*).

Syntypes ♂ ♀; Sierra Leone; Hamburg Museum, lost. Synonymy: Schedl 1972f: 153.

References: **(ds)** Strohmeier 1911f: 204. **(tx)** Schaufuss 1897b: 104; Schedl 1933f: 196.

chapuisi nitidiventris Schedl 1962k: 757. Lectotype ♂; Belgisch Kongo: Elisabethville; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 19.

References: **(ds)** Schedl 1972f: 153. **(tx)** Schedl 1962k: 757, 1972f: 153, 1978a: 19.

bugiriensis Nunberg 1960a: 301. Holotype ♂; Uganda: Bugiri Terr., Longido, Masai District; MRCB, Tervuren. Synonymy: Schedl 1962h: 64. References: **(tx)** Nunberg 1960a: 300–301; Schedl 1962h: 64, 1972f: 153.

citri Schedl 1948c: 667. Lectotype ♂; Newcastle, Natal; Schedl Collection in NHMW, Wien.

Distribution: Africa (Cameroon/ Congo/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Sierra Leone/ South Africa/ Tanzania/ Zaire).

Hosts: *Citrus aurantium*. Schedl 1962k: 842–843 (30 host species listed).

References: **(ds)** Schedl 1972f: 157. **(tx)** Browne 1972c: 121; Nunberg 1966a: 187; Schedl 1948c: 667, 1962k: 826, 1972f: 157, 1978a: 20.

interpositus Schedl 1952i: 56. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren. Synonymy: Browne 1972c: 121.

References: **(ds)** Cachan 1957: 15; Gardner 1957a: 28; Roberts 1968: 190, 1969b: 111; Schedl 1975k: 279. **(tx)** Browne 1972c: 121; Nunberg 1966a: 187; Schedl 1952i: 56–57, 1954d: 873, 1955f: 261, 1962h: 62, 1962k: 841, 1115, 1972f: 158, 1978a: 38.

clarus (Schedl) 1936b: 132 (*Crossotarsus*). Syntypes ♀; Belg. Kongo, Diobo, and Likimi-Mimbo; Collart Collection, and Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

Hosts: *Oxystigma oxyphyllum*.

Notes: (1) Schedl 1978a: 20 (citation of holotype invalid).

References: **(ds)** Schedl 1962k: 875, 1972a: 160. **(tx)** Nunberg 1966a: 186; Schedl 1936b: 131–132, 1952i: 45, 1962k: 875, 1972f: 160, 1978a: 20.

coelocephalus (Schaufuss) 1905: 103 (reprint p. 5) (*Crossotarsus*). Holotype ♀; Camerunia; Hamburg Museum, lost.

Distribution: Africa (Cameroon/ Gabon/ Ghana/ Kenya/ Nigeria/ Uganda/ Zaïre).

Hosts: Browne 1963a: 256, Schedl 1962k: 759 (many host species listed).

References: (**hb**) Browne 1962d: 94, 1963a: 256; Schedl 1962k: 757. (**ds**) Browne 1963a: 256, 1984b: 287; Gardner 1957a: 28; Jones, Roberts, & Baker 1959: 13; Mayne & Donis 1960: 96, 1962: 268; Roberts 1968: 189, 1969b: 108; Schedl 1933f: 196, 1962h: 62, 1962k: 757, 1966c: 231, 1972f: 153; Strohmeier 1912c: 6, 1914c: 34. (**tx**) Nunberg 1966a: 186; Schaufuss 1905: 103–104; Schedl 1933f: 196–197, 1937d: 35, 1950d: 11, 1952i: 26, 1955f: 261, 1955i: 213, 1962h: 64, 1962k: 757, 1965g: 21, 1972a: 153; Strohmeier 1912c: 6–7, 1914c: 34.

tricuspis Schedl 1933f: 196 (*Crossotarsus*).

Lectotype ♂; Sankuru: Lodja, Sandoa, Haut-Uele; Watsa; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 74. Synonymy: Schedl 1972f: 153.

References: (**ds**) Schedl 1933f: 196. (**tx**) Schedl 1933f: 196, 1937d: 35, 1950d: 11, 1952i: 26, 1972f: 153, 1978a: 74.

fenestralis Nunberg 1960a: 303. Type not designated; type locality and repository not stated, nomen nudum (?). Synonymy: Schedl 1962h: 64. References: (**tx**) Nunberg 1960a: 300, 1960b; Schedl 1962h: 64, 1972f: 153.

congonus Browne 1972c: 115. Holotype ♂; Congo-Kinshasa: Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).

References: (**tx**) Browne 1972c: 115.

conjunctus Schedl 1957d: 140. Holotype ♂; Congo Belge: route Stanleyville-Irumu, Camp Putnam; MRCB, Tervuren.

Figures: Schedl 1962k: 877, 1972f: 161.

Distribution: Africa (Tanzania/ Zaire).

Hosts: *Julbernardia sereti*.

References: (**ds**) Schedl 1962k: 876, 1972f: 160. (**tx**) Nunberg 1966a: 186; Schedl 1957d: 140, 1962k: 876–877, 1972f: 160–161, 1978a: 21.

conradti (Strohmeier) 1911g: 227 (*Crossotarsus*). Syntypes ♂ ♀; Kamerun; MNB, Berlin, Strohmeier Collection.

Figures: Schedl 1962k: 853, 1972f: 159.

Distribution: Africa (Angola/ Cameroon/ Central African Republic/ Congo/ Equatorial Guinea/ Fernando Po Island/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Mozambique/ Nigeria/ Sierra Leone/ Togo/ Zaire).

Hosts: Schedl 1962k: 855–861 (138 host species listed).

References: (**ay**) Entwistle 1963b; Farris & Funk 1965: 531. (**bv**) Browne 1962f; Entwistle 1963b. (**en**) Anonymous 1953h: 31, 1953j: 25; Browne

1968: 246; Kudler 1978: 16; Thompson, G. H. 1960; Webb & Jones 1958: 383. (**ec**) Anonymous 1953j: 25; Browne 1961e: 10, 1962d; Farris & Funk 1965: 531; Roberts 1969b: 108; Schedl 1958d: 195–196, 1962k: 852. (**hb**) Anonymous 1959i: 18; Browne 1961b: 21–22, 24, 1962f, 1963a: 256, 1968: 246; Entwistle 1963b; Roberts 1961: 53–60; Schedl 1958d: 195–196, 1962k: 852; Thompson, G. H. 1963: 40; Webb & Jones 1958: 383. (**ds**) Browne 1961e: 10, 1963: 256, 1968: 246; Cachan 1957: 5–6, 15, 43–53; Ferreira 1965: 1131; Gardner 1957a: 28; Jones, Roberts, & Baker 1959: 13–52; Jover 1952: 73–81; Kolbe 1897: 283; Mayne & Donis 1960: 96, 1962: 268; Roberts 1960b: 35, 1960e, 1960f, 1968: 191; Schedl 1959p: 22, 1962k: 852, 1965e: 358, 1965g: 21, 1971g: 194, 1972e: 285, 1972f: 159, 1979b: 417; Strohmeier 1912c: 6, 1914c: 34; Thompson, G. H. 1960, 1963: 40; Tordo 1957: 9; Webb & Jones 1957: 25–40. (**tx**) Nunberg 1966a: 186; Powell, W. 1987: 27; Schedl 1933f: 201, 1937d: 35, 1938d: 451, 1941e: 153, 1950d: 5, 1950e: 212, 1951e: 39, 1954d: 873, 1954e: 48, 55, 1955d: 270, 1959p: 22, 1962k: 852–853, 1965g: 21, 1972f: 159; Strohmeier 1911g: 227–228, 1912c: 6–7, 1914c: 34.

vegrandis Sampson 1924c: 126 (*Crossotarsus*).

Holotype ♂; Belgian Congo: Mayumbe; MRCB, Tervuren. Synonymy: Schedl 1972f: 159.

Notes: (1) Schedl 1972f: 159 (to *Doliopygus*). (3) Schedl 1941d: 409 (described female).

References: (**ec**) Jover 1952. (**hb**) Jover 1952. (**ds**) Gardner 1957a; Mayne & Donis 1960: 98, 1962: 278; Schedl 1933f: 201, 1938d: 451. (**tx**) Nunberg 1966a: 187; Sampson 1924c: 126–127; Schedl 1933f: 201, 1940d: 5, 11, 1941d: 409, 1950d: 11, 1950e: 212, 1951e: 39, 1972f: 159–160, 1978a: 79.

convexus Roberts 1965: 224. Holotype ♂; Nigeria: Bende; BMNH, London.

Distribution: Africa (Nigeria).

Hosts: *Diospyros* sp.

References: (**ds**) Roberts 1965: 224, 1968: 191; Schedl 1972f: 150. (**tx**) Roberts 1965: 224; Schedl 1972f: 150.

costatus Schedl 1957d: 136. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.

Figures: Nunberg 1966a: 187.

Distribution: Africa (Nigeria/ Zaire).

Hosts: *Ochthocosmus africanus*.

Notes: (3) Schedl 1962k: 1112 (described female). References: (**hb**) Schedl 1962k: 930. (**ds**) Roberts 1968: 191; Schedl 1962k: 930, 1972f: 150. (**tx**) Nunberg 1966a: 187; Schedl 1957d: 136, 1962k: 930, 1112, 1972f: 150, 1978a: 22.

crinitus (Chapuis) 1865: 90 (*Crossotarsus*). Syntypes ♂ ♀; Senegal et du fleuve Blanc dans la Haute Egypte; MNHN, Paris (Schedl 1960c: 12). Figures: Nunberg 1966a: 187.

Distribution: Africa (Cameroon/ Congo/ S Egypt/

- Gabon/ Kenya/ Malawi/ Mozambique/ Senegal/ South Africa/ Tanzania/ Zaire/ Zambia/ Zimbabwe).
 Hosts: *Pterocarpus angolensis*.
 References: (cn) Anonymous 1970c: 11. (ds) Anonymous 1970c: 11; Beaver & Loytyniemi 1985b: 130; Browne 1972c: 99, 1984b: 288; Schedl 1938d: 451, 1962h: 62, 1962k: 878, 1969a: 204, 1972f: 161; Spahr 1981: 79; Strohmeier 1911f: 204, 1912c: 6, 1914c: 34; Tordo 1957: 9. (tx) Chapuis 1865: 24–25, 90–92; Duvivier 1891: 377; Lucas 1920: 209; Nunberg 1966a: 187; Powell, W. 1987: 27; Sampson 1922: 139, 1924c: 126; Schaufuss 1905: 103; Schedl 1936e: 51, 1937b: 406, 1937d: 35, 1939a: 468–469, 1939b: 403, 1941e: 154, 1952i: 26–27, 1953g: 244, 1957b: 152, 1960c: 12, 1962k: 878, 1972f: 161; Strohmeier 1911g: 227–228, 1912c: 6–7, 1914c: 34.
hardenbergi Sampson 1922a: 137 (*Crossotarsus*).
 Holotype ♂; Portuguese East Africa: Xinavane; BMNH, London. Synonymy: Schedl 1951i: 26.
 Notes: (3) Schedl 1941d: 408 (described female).
 References: (ds) Gardner 1957a; Schedl 1933f: 198, (tx) Sampson 1922a: 137–139, 1924c: 126; Schedl 1933f: 198, 1937b: 406–407, 1937d: 35, 1941d: 408, 1950d: 12, 1951i: 26–27, 1956a: 35, 1972f: 161, 1978a: 35.
- dentiventris** Browne 1984c: 456. Holotype ♂; Owendo (Gabon) to Nagoya (Japan), imported; BMNH, London.
 Distribution: Africa (Gabon).
 Hosts: *Guibourtia* sp.
 References: (tx) Browne 1984c: 456.
- deruptus** Schedl 1950d: 35. Holotype ♀; Rhodesien (Chirinda); Schedl Collection in NHMW, Wien.
 Distribution: Africa (Zimbabwe).
 References: (tx) Nunberg 1966a: 187; Schedl 1950d: 35, 1962k: 826, 1972f: 157, 1978a: 24.
- divaricus** (Schedl) 1936b: 126 (*Crossotarsus*).
 Holotype ♂; Kamerun; Schedl Collection in NHMW, Wien.
 Distribution: Africa (Cameroon/ Zaire).
 Hosts: *Guarea laurentii*. Schedl 1962k: 866–867 (18 host species listed).
 References: (ds) Browne 1987b: 334; Schedl 1962k: 871, 1972f: 160. (tx) Nunberg 1966a: 187; Schedl 1936b: 126–127, 1962k: 871, 1972f: 160, 1978a: 26.
- discrepans** Schedl 1952i: 38. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren. Synonymy: Schedl 1972f: 160.
 References: (ec) Schedl 1962k: 866. (hb) Schedl 1962k: 866. (ds) Mayne & Donis 1960: 96, 1962: 268; Schedl 1962k: 866. (tx) Nunberg 1966a: 186; Schedl 1952i: 38, 1957d: 133, 1962k: 866, 1972f: 160, 1978a: 25.
- divisus** Browne 1972c: 114. Holotype ♂; Congo-Kinshasa; Yangambi; MRCB, Tervuren.
 Distribution: Africa (Zaire).
 References: (tx) Browne 1972c: 114.
- dolosus** Schedl 1950e: 216. Lectotype ♂; Congo Belge, Vieux-Kilo; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 26.
 Distribution: Africa (Ivory Coast/ Nigeria/ Zaire).
 Hosts: *Diospyros* sp., *Drypetes leonensis*, *Pachystela laurentii*.
 References: (ec) Roberts 1969a. (ds) Cachan 1957: 15; Roberts 1968: 190, 1969b: 109; Schedl 1962k: 827, 1972f: 157. (tx) Nunberg 1966a: 187; Schedl 1950e: 216, 1952i: 52, 1962k: 827, 1113, 1972f: 157, 1978a: 26.
- donisi** Schedl 1952i: 49. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.
 Figures: Schedl 1962k: 761 (male), 1972f: 152 (male).
 Distribution: Africa (Zaire).
 Hosts: *Chrysophyllum lacourtianum*, *Pterygopodium oxyphyllum*, *Scorodophloeus zenkeri*. Schedl 1962k: 760–761 (12 host species listed).
 References: (hb) Schedl 1962k: 760. (ds) Mayne & Donis 1960: 96, 1962: 269; Schedl 1962k: 760, 1972f: 153. (tx) Nunberg 1966a: 186; Schedl 1952i: 49, 1962k: 760–761, 1972f: 152–153, 1978a: 26.
- dubius** (Sampson) 1924c: 126 (*Crossotarsus*).
 Holotype ♂; Belgian Congo; MRCB, Tervuren.
 Figures: Browne 1961b: pl. 1–2.
 Distribution: Africa (Angola/ Bechuanaland/ Cameroon/ Congo/ Equatorial Guinea/ Fernando Po Island/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Senegal/ South Africa/ Sudan/ Tanzania/ Uganda/ Zaire/ Zambia/ Zimbabwe).
 Hosts: Schedl 1962k: 764–767 (79 host species listed).
 Notes: (1) Originally named as a subspecies of *crinitus*.
 References: (ay) Entwistle 1963b. (bv) Browne 1961b, 1961e: 8; Entwistle 1963b; Loytyniemi, Beaver, & Loytyniemi 1985: 28; Roberts 1960b: 21. (cn) Browne 1961b, 1961e: 8, 1968: 246; Jones et al. 1959: 21–52; Kudler 1978: 16; Roberts 1960b: 21, 1966a. (ec) Browne 1961b, 1961e: 8, 1962d; Roberts 1960b: 21, 1969a; Schedl 1962k: 761. (hb) Beaver & Loytyniemi 1985b: 126; Browne 1961b: 15–27, 1961e: 8, 13, 1963a: 259, 1965b, 1968: 246; Entwistle 1963b; Jones et al. 1959: 21–52; Loytyniemi, Beaver, & Loytyniemi 1985: 28; Roberts 1935e: 35–37, 1961a: 39–43, 1961c: 37, 1962a: 37–38, 1962b: 241, 1969b: 109; Schedl 1962k: 761; Thompson, G. H. 1963: 41; Webb & Jones 1957: 36–40. (ds) Beaver & Loytyniemi 1985b: 126; Browne 1961e: 8, 13, 1963a: 259, 1968: 246, 1972c: 99, 1980c: 485, 1984c: 450; Cola 1973; Ferreira 1965: 1132; Lee, R. F. 1971: 29; Mayne & Donis 1960: 96, 1962: 269; Roberts 1960b: 35–39, 1960e, 1960f, 1966a, 1968: 190; Schedl 1938d: 451, 1959p: 23, 1962h: 62,

- 1962k: 761, 1964j: 42, 1965e: 358, 1965g: 21, 1965h: 112, 1966a: 276, 1966c: 231, 1971e: 5, 1971f: 150, 1971g: 194, 1972e: 285, 1972f: 154, 1975h: 351, 1979b: 417; Thompson, G. H. 1963: 41; Wichmann 1955: 97. **(tx)** Browne 1961b: pl. 1, 2; Nunberg 1966a: 186; Powell, W. 1987: 27; Sampson 1924c: 126; Schedl 1941d: 408, 1950d: 11, 1952g: 54, 1952i: 27, 1953g: 244, 1954d: 873, 1954e: 55, 1955i: 213, 1962k: 761, 1113, 1972f: 154; Strohmeier 1911g: 226–227.
- paradubius* Roberts 1964: 404. Holotype ♂; Nigeria: Omo Forest Reserve; BMNH, London. Synonymy: Schedl 1972f: 154. References: **(cn)** Browne 1968b: 248; Kudler 1978: 16. **(hb)** Browne 1968b: 248. **(ds)** Browne 1968b: 248; Roberts 1968: 190. **(tx)** Roberts 1964: 404, 1969b: 112–113; Schedl 1972f: 154.
- confusus* Roberts 1966b: 621. Holotype ♂; Nigeria: Oban; BMNH, London. Synonymy: Schedl 1972f: 154. References: **(ds)** Roberts 1968: 189. **(tx)** Roberts 1966b: 621; Schedl 1972f: 154.
- rhizophorae* Roberts 1966b: 629. Holotype ♂; Nigeria: Buguma; BMNH. Synonymy: Schedl 1972f: 154. References: **(ds)** Roberts 1968: 190. **(tx)** Roberts 1966b: 629; Schedl 1972f: 154.
- erichsoni* (Chapuis) 1865: 95 (*Crossotarsus*). Syn-types ♂ ♀; Port Natal; 1 ♂, 2 ♀ in BMNH, London, 1 ♂ in IRSNB, Brussels 1 ♂ in MNB, Berlin, 1 ♂ in MNHN, Paris. Figures: Schedl 1962k: 829, 1972f: 157. Distribution: Africa (Cameroon/ Congo/ Equatorial Guinea/ Gabon/ Ghana/ Guinea/ Kenya/ Mozambique/ Nigeria/ Ruanda/ Sao Tome Island/ Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaire). Hosts: Schedl 1962k: 830–833 (73 host species listed). References: **(bv)** Loytyniemi, Beaver, & Loytyniemi 1985: 28. **(cn)** Anonymous 1970c: 12; Browne 1968b: 247; Jones 1959a. **(ec)** Schedl 1962k: 827. **(hb)** Anonymous 1959i: 18; Beaver & Loytyniemi 1985b: 129; Browne 1963a: 259, 1968b: 247; Jones 1959a, 1966: 127; Jones, Roberts, & Baker 1959: 13–21; Loytyniemi, Beaver, & Loytyniemi 1985: 29; Schedl 1962k: 827; Strohmeier 1911a: 182; Thompson, G. H. 1963: 41; Took & Scott 1944: 2–5; Tordo 1957: 9; Webb & Jones 1957: 37, 40. **(ds)** Anonymous 1970c: 12; Beaver & Loytyniemi 1985b: 129; Browne 1963a: 259, 1968b: 247, 1980b: 381; Gardner 1957a: 28; Mayne & Donis 1960: 96, 1962: 269; Roberts 1960b: 35, 1960e, 1960f: 35–39, 1966a, 1968: 190, 1969b: 109; Schedl 1933f: 201, 1938d: 452, 1962k: 827, 1964j: 43, 1965e: 359, 1965g: 21, 1972f: 157; Strohmeier 1911a: 182, 1911f: 204, 1914c: 34; Thompson, G. H. 1963: 41. **(tx)** Chapuis 1865: 24–25, 95–97; Lucas 1920: 209; Nunberg 1966a: 187; Powell, W. 1987: 27; Sampson 1924a: 545, 1924c: 127; Schedl 1933f: 201, 1935g: 319–320, 1937c: 14, 1937d: 35–36, 1939b: 403, 1939g: 167, 1941d: 409, 1941e: 154, 1948c: 667, 1950d: 11, 1952g: 55, 1952i: 40, 1952j: 6, 1954e: 55, 1955j: 261, 1957c: 326, 1960c: 12–13, 1962k: 827–829, 1113, 1965g: 21, 1972f: 157; Strohmeier 1911a: 182, 1911f: 204, 1912c: 11, 1914c: 11, 34.
- varius* Sampson 1924a: 545 (*Platypus*). Holotype, sex?; South Africa: Cape Colony, Transkei; BMNH, London. Synonymy: Schedl 1937c: 14, Beaver & Loytyniemi 1985: 129. References: **(tx)** Beaver & Loytyniemi 1985: 129; Sampson 1924a: 545; Schedl 1937c: 14, 1957b: 152, 1972f: 157.
- excavatus* (Sampson) 1924c: 124 (*Crossotarsus*). Holotype ♂; Belgian Congo, Kapiri (Miss. Agric.); MRCB, Tervuren. Figures: Browne 1972c: 112. Distribution: Africa (Cameroon/ Kenya/ Nigeria/ Uganda/ Zaire/ Zambia). Hosts: Schedl 1962k: 775–776 (14 host species listed). References: **(cn)** Hargreaves 1927: 24–27. **(hb)** Roberts 1969b: 109–110. **(ds)** Gardner 1957a: 28. **(tx)** Browne 1972c: 111–112; Nunberg 1966a: 186; Powell, W. 1987: 27; Sampson 1924c: 124; Schedl 1933f: 196, 1935g: 318, 1941e: 154, 1955f: 261, 1962h: 62, 1962k: 744, 1972f: 154.
- exilis* (Chapuis) 1865: 92 (*Crossotarsus*). Syntypes ♂ ♀; Fleuve Blanc [White Nile]; MNHN, Paris (Schedl 1960c: 12). Distribution: Africa (Cameroon/ Chad/ Congo/ Equatorial Guinea/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Spanish Guinea/ Sudan/ Tanzania/ Togo/ Uganda/ Zaire/ Zambia/ Zimbabwe). Hosts: Schedl 1962k: 777–778 (23 host species listed). Notes: (3) Schedl 1954e: 57 (*piptadeniae*, nomen nudum, synonymy in Schedl 1972f: 154), Schedl 1957d: 137 (*pygmaeus*, nomen nudum, synonymy in Schedl 1972f: 154). References: **(bv)** Loytyniemi, Beaver, & Loytyniemi 1985: 28. **(cn)** Thompson, G. H. 1960. **(ec)** Roberts 1969a: 110; Schedl 1962k: 776. **(hb)** Beaver & Loytyniemi 1985b: 126; Browne 1963a: 260; Jones, Roberts, & Baker 1959: 13–14; Loytyniemi, Beaver, & Loytyniemi 1985: 28; Schedl 1962k: 776; Thompson, G. H. 1963: 41; Webb & Jones 1957: 37–40. **(ds)** Beaver & Loytyniemi 1985b: 126; Browne 1963a: 260; Ferreira 1965: 1132; Gardner 1957a: 28; Mayne & Donis 1960: 96; Roberts 1968: 190; Schedl 1933f: 197, 1959p: 23, 1959q: 706, 1962k: 776, 1964j: 619, 1967e: 221, 1969a: 204, 1971g: 195, 1972f: 154; Strohmeier 1911f: 204, 1912c: 6, 1914c: 34; Thompson, G. H. 1960, 1963: 41. **(tx)** Chapuis

- 1865: 92; Numberg 1966a: 186; Sampson 1924c: 126; Schaufuss 1905: 103; Schedl 1933f: 197, 1936b: 131, 1937d: 35, 1941e: 154, 1953g: 244, 1954e: 48, 56–57, 1955i: 213, 1957d: 131, 1960: 12, 1962k: 776, 1113, 1972f: 154; Strohmeyer 1911f: 204, 1912c: 6–7, 1912f: 86, 1914c: 34.
- eximius** Schedl 1941d: 407. Holotype ♂; D.O.A., Nyembe; Schedl Collection in NHMW, Wien.
Distribution: Africa (Ivory Coast/ Tanzania/ Zaire/ Zambia).
Hosts: *Piptadenia africana*.
Notes: (3) Beaver et al. 1985: 130 (described female).
References: (bv) Loyttyneimi, Beaver, & Loyttyneimi 1985: 28. (ec) Jover 1952: 73–81. (hb) Jover 1952: 73–81; Loyttyneimi, Beaver, & Loyttyneimi 1985: 28. (ds) Beaver & Loyttyneimi 1985b: 130; Cachan 1957: 6, 15; Schedl 1962k: 931, 1965g: 21, 1972f: 160. (tx) Numberg 1966a: 187; Schedl 1941d: 406–407, 1951f: 40, 1952g: 55, 1954d: 873, 1962k: 931, 1965g: 21, 1972f: 160, 1978a: 29.
- expletus** Schedl 1941d: 412. Holotype ♀; Kamerun; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon/ Ruanda/ Zaire).
Hosts: Schedl 1962k: 836 (13 host species listed).
Notes: (3) Schedl 1951i: 58 (described female).
References: (ec) Schedl 1962k: 834. (hb) Schedl 1962k: 834. (ds) Mayne & Donis 1960: 96, 1962: 270; Schedl 1962k: 834, 1972f: 158. (tx) Numberg 1966a: 187; Schedl 1941d: 412, 1951i: 58, 1957d: 134, 1962k: 834, 1972f: 158, 1978a: 29.
- falsificus** (Schedl) 1933f: 201 (*Crossotarsus*).
Lectotype ♂; Mayumbe, Soc. Bomeco, and Lucalla, Cie Ind. Bois Congo; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 30.
Distribution: Africa (Nigeria/ Zaire).
Hosts: *Millettia* sp.
References: (cn) Vrydagh 1947a: 8. (ec) Roberts 1969b: 110. (ds) Browne 1980d: 493; Roberts 1968: 190; Schedl 1933f: 202, 1962k: 838, 1972f: 158; Vrydagh 1947a: 8. (tx) Schedl 1933f: 201–202, 1937c: 15, 1950d: 5, 1952i: 56, 1962k: 838, 1972f: 158, 1978a: 31.
- forcipatus** Schedl 1955c: 33. Lectotype ♂; Africa Orient. Ital.: Sagan-Omo, Caschei; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 31.
Distribution: Africa (Mozambique/ Somalia).
References: (ds) Schedl 1972f: 154. (tx) Nunberg 1966a: 186; Schedl 1955c: 33, 1962k: 932, 1972f: 154, 1978a: 31.
- fulgens** Schedl 1951i: 51. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Nigeria/ Uganda/ Zaire).
Hosts: *Chrysophyllum lacourtianum*, *Cynometra alexandri*, *Dacryodes yangambiensis*.
References: (ds) Gardner 1957a: 28; Mayne & Donis 1962: 270; Roberts 1968: 181, 1969b: 110; Schedl 1962k: 879, 1972f: 161. (tx) Nunberg 1966a: 186; Schedl 1952i: 51, 1957d: 140, 1962k: 879, 1972f: 161, 1978a: 32.
- fuscipilosulus** (Schedl) 1936b: 133 (*Crossotarsus*).
Holotype ♂; Kamerun; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon).
References: (ds) Schedl 1972f: 150. (tx) Schedl 1936b: 133, 1937c: 14–15, 1962k: 932, 1972f: 150, 1978a: 32.
- galerus** (Schedl) 1936b: 131 (*Crossotarsus*).
Holotype ♀; Franz. Kongo; Schedl Collection in NHMW, Wien.
Distribution: Africa (Congo/ Gabon/ Zaire).
Hosts: *Allogogus brunneus*, *Combretum oblongum*.
References: (ec) Schedl 1962k: 779. (ds) Schedl 1962k: 779, 1972f: 154. (tx) Numberg 1966a: 186; Schedl 1936b: 131, 1962k: 779, 1972f: 154, 1978a: 32.
- ghesquierei** (Schedl) 1933f: 198 (*Crossotarsus*).
Lectotype ♂; Wendji, Sankuru, Haut-Uele, Moto; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 32.
Figures: Schedl 1962k: 887, 1972f: 163.
Distribution: Africa (Cameroon/ Congo/ Ivory Coast/ Kenya/ Malawi/ Nigeria/ Zaire).
Hosts: Schedl 1962k: 887–889 (39 host species listed).
Notes: (3) Schedl 1952i: 57 (described female).
References: (ay) Lhoste & Roche 1960. (ec) Jover 1952: 73–81; Schedl 1962k: 886. (hb) Jover 1952: 73–81; Schedl 1962k: 886. (ds) Browne 1972c: 100; Cachan 1957: 6, 15; Gardner 1957a: 28; Mayne & Donis 1960: 96, 1962: 270; Roberts 1968: 191, 1969b: 110; Schedl 1933f: 198, 200, 1962k: 886, 1966c: 231, 1972f: 162. (tx) Numberg 1966a: 186; Powell, W. 1987: 27; Schedl 1933f: 198, 200, 1937d: 35, 1941d: 381, 1950e: 212, 1952i: 57, 1954d: 873, 1955i: 213, 1956a: 35, 1962k: 886–887, 1114, 1972f: 162–163, 1978a: 32.
- glaber** Schedl 1962k: 1114. Holotype ♂; Congo; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: (ds) Schedl 1972f: 162. (tx) Schedl 1962k: 1114, 1972f: 162, 1978a: 32.
- gracilior** Schedl 1954d: 883. Lectotype ♂; Cote d'Ivoire, Lagune Ono; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 33.
Distribution: Africa (Ghana/ Ivory Coast/ Nigeria/ Zaire).
Hosts: *Albizzia zygia*, *Pentaclethra macrophylla*, *Piptadenia africana*, *Theobroma cacao*.
References: (hb) Roberts 1969b: 110; Thompson, G. H. 1963: 41. (ds) Schedl 1962k: 779, 1972f: 154; Thompson, G. H. 1963: 41. (tx) Nunberg 1966a: 186; Schedl 1954d: 873, 883, 1954e: 56, 1962k: 779, 1972f: 154, 1978a: 33.
- guineensis** Roberts 1965: 223. Holotype ♂; Nigeria: Oban; BMNH, London.

- Distribution: Africa (Nigeria).
Hosts: *Strombosia pustulata*.
References: (ds) Roberts 1968: 191; Schedl 1972f: 154. (tx) Roberts 1965: 223; Schedl 1972f: 154.
- hartwigi** Schedl 1979d: 452. Holotype ♂; Kamerun, Oku-See; Alexander Koenig Museum, Bonn.
Distribution: Africa (Cameroon).
References: (tx) Schedl 1979d: 452.
- ibex** Schedl 1941d: 411. Holotype ♂; St. Thome Isle; Schedl Collection in NHMW, Wien.
Figures: Schedl 1962k: 956, 1972f: 161.
Distribution: Africa (Sao Tome Island).
References: (ds) Schedl 1972f: 162. (tx) Nunberg 1966a: 187; Schedl 1941d: 411, 1962k: 956, 1972f: 161–162, 1978a: 36.
- incilis** Schedl 1957d: 143. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.
Distribution: Africa (Nigeria/ Zaire).
Hosts: *Cynometra hankci*.
References: (ds) Roberts 1968: 191; Schedl 1962k: 923, 1972f: 148. (tx) Nunberg 1966a: 186; Schedl 1957d: 143, 1962k: 923, 1972f: 148, 1978a: 37.
- insitivus** Schedl 1971e: 15. Holotype ♂; Fernando Poo; Schedl Collection in NHMW, Wien.
Distribution: Africa (Fernando Po Island/ Ivory Coast/ Zaire).
References: (ds) Schedl 1971e: 15, 1972f: 154. (tx) Schedl 1972f: 154, 1978a: 37.
- integratus** Roberts 1964: 409. Holotype ♂; Nigeria; Adanre; BMNH, London.
Distribution: Africa (Nigeria).
Hosts: *Crossandra* sp.
Notes: (3) Schedl 1972f: 151 (treated as a synonym of *ukereweensis*), Beaver & Loytyniemi 1985b: 125 (a good species).
References: (tx) Roberts 1964: 409, 1968: 192; Roberts & Loytyniemi 1985b: 125; Schedl 1972f: 151.
- interjectus** Schedl 1941d: 409. Holotype ♂; Kamerun; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Nigeria/ Sierra Leone/ Uganda/ Zaire).
Hosts: Schedl 1962k: 840 (19 host species listed).
References: (cn) Thompson, G. H. 1960. (ec) Roberts 1969a: 111. (hb) Schedl 1962k: 839; Thompson, G. H. 1963: 41. (ds) Browne 1980b: 381; Cachan 1957: 5, 15; Mayne & Donis 1962: 271; Roberts 1968: 190; Schedl 1961m: 85, 1962h: 62, 1962k: 839, 1964j: 43, 1965e: 358, 1972f: 158; Thompson, G. H. 1960, 1963: 41. (tx) Nunberg 1966a: 187; Schedl 1941d: 408–409, 1950e: 215–216, 1954d: 873, 1954e: 56, 1957d: 138, 1961m: 85, 1962h: 62, 1962k: 839, 1115, 1962q: 494, 1972f: 158, 1978a: 37.
- interruptus** (Sampson) 1924c: 124 (*Crossotarsus*).
Holotype ♂; Belgian Congo, Elisabethville (Miss. Agric.); MRCB, Tervuren.
Distribution: Africa (Angola/ Ghana/ Guinea/ Kenya/ Tanzania/ Uganda/ Zaire/ Zambia/ Zimbabwe).
Hosts: *Acacia* sp., *Antiaris* sp., *Baikaea* sp., *Brachystegia* sp.
Notes: (3) Schedl 1936b: 132 (described female).
References: (bv) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (hb) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (ds) Beaver & Loytyniemi 1985b: 131; Ferreira 1965: 1132; Gardner 1957a: 28; Schedl 1933f: 198–199, 1959p: 23, 1962k: 890, 1972f: 162, 1975h: 351. (tx) Nunberg 1966a: 186; Sampson 1924c: 124–126; Schedl 1933f: 198–199, 1936b: 131–133, 1937b: 406–407, 1937d: 35, 1950d: 12, 1952i: 26–27, 1961d: 178–179, 1962k: 890, 1965g: 21, 1972f: 162, 1978a: 38.
- intritus** (Schedl) 1939g: 167 (*Crossotarsus*).
Syn-types ♂ ♀; Insel Ukerewe [Schedl 1979: 38]; Conrad Collection and Schedl Collection in NHMW, Wien.
Distribution: Africa (Ivory Coast/ Tanzania/ Uganda/ Zaire).
Hosts: *Cynometra alexandrii*, *C. sp.*, *Parinarium curatellifolium*.
Notes: (1) Schedl 1978a: 38 (citation of holotype invalid).
References: (ds) Schedl 1959q: 706, 1962k: 780, 1972f: 154. (tx) Nunberg 1966a: 186; Schedl 1939g: 167, 1953g: 244, 1957d: 132, 1962k: 780, 1972f: 154, 1978a: 38.
- jurioni** Schedl 1952i: 37. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 933.
Distribution: Africa (Cameroon/ Nigeria/ Zaire).
Hosts: *Allophyllus africanus*, *Alstonia boone*, *Blighia welwitschii*, *Carapa procera*, *Celtis brieji*, *Drypetes leonensis*, *Guarea cedrata*, *Microcos pinnatifida*, *Microdesmis puberula*, *Pancovia harmsiana*, *P. laurentii*, *Pterygota bequaertii*.
Notes: (3) Schedl 1957: 139 (described female).
References: (ec) Schedl 1962k: 932. (hb) Schedl 1962k: 932. (ds) Mayne & Donis 1960: 96, 1962: 271; Roberts 1968: 192, 1969b: 111; Schedl 1962k: 932, 1972f: 160. (tx) Nunberg 1966a: 186; Schedl 1952i: 37, 1953g: 244, 1957d: 139, 1962k: 932–933, 1964j: 48, 1972f: 160, 1978a: 39.
- kakaoensis** Schedl 1941d: 408. Holotype ♂; Kamerun, Victoria Co.; Schedl Collection in NHMW, Wien [data not given in original publication, added in Schedl 1978a: 39].
Distribution: Africa (Cameroon/ Ghana/ Zaire).
Hosts: Kakao [presumably *Theobroma cacao*].
References: (ds) Schedl 1972e: 285, 1972f: 158. (tx) Nunberg 1966a: 187; Schedl 1941d: 408, 1962k: 843, 1972f: 158, 1978a: 39.

karii **Beaver** in Beaver & Loytyniemi 1985b: 127. Holotype ♂: Zambia: Chati, Kitwe; BMNH, London.

Figures: Beaver & Loytyniemi 1985b: 127.

Distribution: Africa (Zambia).

References: **(bv)** Loytyniemi, Beaver, & Loytyniemi 1985: 28. **(hb)** Loytyniemi, Beaver, & Loytyniemi 1985: 28. **(tx)** Beaver & Loytyniemi 1985b: 127.

lateralis **Schedl** 1952i: 35. Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren.

Figures: Schedl 1962k: 782, 1972f: 152.

Distribution: Africa (Nigeria/ Togo/ Zaire).

Hosts: *Anonidium mannii*, *Guarea laurentii*, *Macaranga* sp., *Mammea africana*, *Ongokea gore*, *Pterygota bequaertii*, *Scorodophloeus zenkeri*. Schedl 1962k: 781–782 (23 host species listed).

References: **(ec)** Schedl 1962k: 781. **(hb)** Schedl 1962k: 781. **(ds)** Mayne & Donis 1960: 96, 1962: 271; Roberts 1968: 190, 1969b: 111; Schedl 1962k: 781, 1972f: 154. **(tx)** Nunberg 1966a: 186; Schedl 1952i: 35, 1957d: 141, 1962k: 781–782, 1972f: 152, 154, 1978a: 40.

lebruni **Schedl** 1952i: 40. Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren.

Figures: Schedl 1962k: 845.

Distribution: Africa (Nigeria/ Sierra Leone/ Zaire).

Hosts: Schedl 1962k: 844–847 (48 host species listed).

References: **(ec)** Schedl 1962k: 844. **(hb)** Schedl 1962k: 844. **(ds)** Mayne & Donis 1962: 271; Roberts 1968: 190, 1969b: 11; Schedl 1962k: 844, 1972f: 158. **(tx)** Nunberg 1966a: 187; Schedl 1952i: 40–44, 1962k: 844–845, 1972f: 158, 1978a: 40.

lecomtei **Schedl** 1957d: 134. Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren.

Distribution: Africa (Fernando Po Island/ Nigeria/ Zaire).

Hosts: *Angylocalyx pynaertii*, *Guarea laurentii*, *Strombosia grandiflora*.

References: **(ec)** Schedl 1962k: 935, 1972c: 60. **(hb)** Schedl 1962k: 935. **(ds)** Roberts 1968: 192, 1969b: 111; Schedl 1962k: 935, 1971g: 195, 1972f: 150. **(tx)** Nunberg 1966a: 187–194; Schedl 1957d: 134, 1962k: 935, 1972f: 150, 1978a: 40.

lefevrei **Schedl** 1952i: 53. Holotype ♂: Congo Belge: Kivu, Mulungu; MRCB, Tervuren.

Figures: Mayne & Donis 1962: 272, Schedl 1962k: 785–786, 1972f: 152.

Distribution: Africa (Nigeria/ Zaire).

Hosts: Schedl 1962k: 786–788 (53 host species listed).

References: **(hb)** Schedl 1962k: 785. **(ds)** Mayne & Donis 1960: 96, 1962: 272; Roberts 1968: 190, 1969b: 111–112; Schedl 1962k: 785, 1972f: 154. **(tx)** Mayne & Donis 1962: 272; Nunberg 1966a: 186; Schedl 1952i: 53, 1962k: 785–786, 1972f: 152, 154, 1978a: 40.

lobatus (**Schedl**) 1936b: 128 (*Crossotarsus*). Syn-types ♂♀: Ostafrika; Schedl Collection in NHMW, Wien.

Distribution: Africa (Kenya/ Tanzania/ Zaire/ Zambia).

Hosts: *Acacia lahai*, *A. spp.*

Notes: (1) Schedl 1978a: 41 (citation of holotype invalid).

References: **(ds)** Beaver & Loytyniemi 1985b: 128; Schedl 1938d: 451, 1962k: 789, 1966c: 232, 1971e: 5, 1972f: 155. **(tx)** Nunberg 1966a: 186; Schedl 1936b: 128–129, 1938d: 451, 1939g: 167, 1962k: 789, 1972f: 155, 1978a: 41.

malkini **Schedl** 1956a: 34. Holotype ♂: Nigeria, Ogbomoshos; CAS, San Francisco.

Distribution: Africa (Ghana/ Ivory Coast/ Nigeria/ Sierra Leone).

Hosts: *Cassia* sp., *Sterculia rhinopetala*.

Notes: (3) Schedl 1962k: 1115 (described female).

References: **(hb)** Browne 1963a: 261. **(ds)** Browne 1963a: 261; Roberts 1968: 190, 1969b: 112; Schedl 1962h: 62, 1962k: 789, 1964j: 43, 1972e: 285, 1972f: 155. **(tx)** Nunberg 1966a: 186; Schedl 1956a: 34, 1962h: 72, 1962k: 789, 1115, 1972f: 155, 1978a: 42.

maynei **Schedl** 1952i: 45. Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren.

Figures: Schedl 1962k: 881.

Distribution: Africa (Zaire).

Hosts: *Chrysophyllum pruniferum*, *Erythrophleum guineense*, *Pterocarpus soyauxii*, *Scorodophloeus zenkeri*, *Strombosia grandifolia*, *S. scheffleri*.

References: **(ds)** Mayne & Donis 1960: 96, 1963: 272; Schedl 1962k: 880, 1972f: 162. **(tx)** Nunberg 1966a: 186; Schedl 1952i: 45, 1957d: 140, 1962k: 880–881, 1972f: 162, 1978a: 43.

medius **Schedl** 1952i: 28. Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren.

Figures: Schedl 1962k: 923, 1972f: 147.

Distribution: Africa (Angola/ Cameroon/ Congo/ Gabon/ Ghana/ Kenya/ Nigeria/ Sierra Leone/ Zaire/ Zambia/ Zimbabwe).

Hosts: Schedl 1962k: 913–916 (60 host species listed).

Notes: (1) Originally named as a subspecies of *rapax*. (3) Schedl 1972f: 147 (treated as a subspecies of *brevis*). Browne 1972c: 125 (a good species).

References: **(ds)** Ferreira 1965: 1131; Mayne & Davis 1960: 96–97, 1962: 275; Roberts 1968: 191, 1969b: 107; Schedl 1959p: 22, 1962k: 913–918, 1964f: 619, 1965e: 358, 1967e: 221, 1969a: 205, 1972e: 285; Thompson, G. H. 1963: 43. **(tx)** Browne 1972c: 125; Schedl 1952i: 28–30, 1952j: 7, 1954e: 57–69, 1957d: 142–143, 1962h: 61, 1962k: 913–918, 1110, 1972f: 147, 1978a: 61.

megatoma **Schedl** 1952i: 31. Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren.

Distribution: Africa (Cameroon/ Nigeria/ Uganda/ Zaire).

Hosts: Schedl 1962k: 924–925 (31 host species listed).

References: (cc) Schedl 1962k: 923. (ds) Mayne & Donis 1960: 96, 1962: 273; Roberts 1968: 191, 1969b: 187; Schedl 1962k: 923, 1972f: 148. (tx) Nunberg 1966a: 187; Schedl 1952i: 31, 1957d: 143, 1962k: 923, 1972f: 148–149, 1978a: 43.

megatoma vexator Schedl 1957d: 144. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren. Notes: (3) Schedl 1978a: 43 (treated as a subspecies of *megatoma*).

References: (ds) Mayne & Donis 1962: 273; Roberts 1968: 191, 1969b: 115. (tx) Schedl 1957d: 143–144, 1962k: 925, 1119, 1972f: 148, 1978a: 43.

mimicus (Schedl) 1933f: 198 (*Crossotarsus*). Lectotype ♂; Katanga: Mulando; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 43. Figures: Browne 1972c: 119.

Distribution: Africa (Angola/ Cameroon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Malawi/ Mozambique/ Nigeria/ Sierra Leone/ South Africa/ Tanzania/ Zaire/ Zambia/ Zimbabwe).

Hosts: *Albizzia* spp., *Brachystegia* spp., *Bussea occidentalis*, *Celtis* spp., *Entandrophragma utile*, *Pterygota macrocarpa*, *Triplochiton scleroxylon*.

References: (bv) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (hb) Jones, Roberts, & Baker 1959: 13–53; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (ds) Browne 1972c: 119; Ferreira 1965: 1132; Gardner 1957a: 28; Schedl 1933f: 198, 1938d: 451, 1962k: 891, 1972f: 162; Tordo 1957: 10. (tx) Browne 1972c: 119; Nunberg 1966a: 186, 197; Powell, W. 1987: 27; Schedl 1933f: 198–199, 1936b: 127, 1941e: 154, 1950d: 4, 12, 1952g: 54, 1952i: 48, 1953g: 244, 1957b: 152–153, 1962k: 891, 1965c: 52, 1972f: 162, 1978a: 43, 77.

unispinosus Schedl 1936: 127 (*Crossotarsus*). Holotype ♂; Guinea; Schedl Collection in NHMW, Wien. Synonymy: Browne 1972c: 119, Schedl 1978a: 77.

Notes: (3) Schedl 1954e: 84 (described female).

References: (cc) Roberts 1969b: 115. (hb) Browne 1962: 94, 1963a: 263, 1968: 249; Roberts 1961c: 37; Thompson, G. H. 1963: 43. (ds) Browne 1961: 39–43, 1963a: 263, 1972c: 119, 1968: 249; Cola 1971; Ferreira 1965: 1133; Roberts 1968: 191, 1969b: 115; Schedl 1959p: 23, 1962h: 63, 1962k: 895, 1972e: 285, 1972f: 162, 1975h: 351, 1982: 279; Thompson, G. H. 1963: 43. (tx) Browne 1972c: 119; Nunberg 1959: 167, 1966a: 186; Schedl 1936b: 126–127, 1937b: 406, 1954e: 57, 84, 1955d: 270, 1960h: 111, 1962k: 895, 1119, 1972f: 162, 1978a: 77.

unispinosus Schedl 1937b: 406. Lectotype ♂; N.

Rhodesia, N'Changa; Schedl Collection in NHMW, designated by Schedl 1978a: 77. Synonymy: Schedl 1972f: 162.

Notes: (3) This synonym resulted from inadvertent double naming by Schedl.

References: (tx) Schedl 1937b: 406, 1972f: 162, 1978a: 77.

minimus Schedl 1957d: 131. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren. Figures: Nunberg 1966b: 197.

Distribution: Africa (Nigeria/ Zaire).

Hosts: *Dialium corbisieri*, *Terminalia superba*.

References: (ds) Roberts 1969b: 112; Schedl 1962k: 790, 1972f: 155. (tx) Nunberg 1966b: 186, 197; Schedl 1957d: 131, 1962k: 790, 1972f: 155, 1978a: 43.

minor Schedl 1952i: 28. Holotype ♂; Congo Belge, Yangambi; MRCB, Tervuren.

Distribution: Africa (Nigeria/ Zaire).

Hosts: Schedl 1962k: 919–920 (25 host species listed).

Notes: (1) Originally named as a subspecies of *rapax*. (3) Schedl 1972f: 147 (treated as a subspecies of *brevis*), Browne 1972c: 125 (a good species).

References: (ds) Browne 1980c: 486; Roberts 1968: 191. (tx) Browne 1972c: 125; Schedl 1952i: 28–30, 1957d: 142–143, 1962k: 919, 1972f: 147, 1972g: 83.

minutissimus (Schedl) 1935g: 316 (*Crossotarsus*). Holotype ♂; Kamerun; Schedl Collection in NHMW, Wien.

Distribution: Africa (Cameroon/ Equatorial Guinea/ Ghana/ Guinea/ Sierra Leone/ Tanzania/ Zaire).

Hosts: *Celtis mildbraedii*, *Guarea thompsonii*, *Ochthocosmus africanus*.

Notes: (3) Roberts 1970b: 478 (described female). References: (ds) Browne 1980b: 382; Schedl 1962h: 62, 1962k: 937, 1971f: 195, 1972f: 150, 1975h: 352. (tx) Nunberg 1966a: 187; Roberts 1970b: 478; Schedl 1935g: 316, 1957d: 136, 1962k: 936–937, 1972f: 150, 1978a: 44.

mitratus Nunberg 1966a: 192. Holotype ♀; Congo: Elisabethville; MRCB, Tervuren.

Figures: Nunberg 1966a: pl. 2, figs. 4–6.

Distribution: Africa (Zaire).

References: (tx) Nunberg 1966a: 192.

modestus Beaver in Beaver & Loyttyniemi 1985: 123. Holotype ♂; Zambia: Chati, Kitwe; BMNH, London.

Distribution: Africa (Zambia).

References: (bv) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (hb) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (tx) Beaver & Loyttyniemi 1985: 123.

- montanus Roberts** 1966b: 626. Holotype ♂; Nigeria: Gyl Nyaki (Mambilla Plateau), Sardaina Prov.; BMNH, London.
Distribution: Africa (Nigeria).
References: (ds) Browne 1980b: 382; Roberts 1966b: 626, 1968: 192; Schedl 1972f: 150. (tx) Schedl 1972f: 150.
- multipunctus Roberts** 1964: 405. Holotype ♂; Nigeria: Idanre; BMNH, London.
Distribution: Africa (Nigeria).
References: (ds) Roberts 1968: 190; Schedl 1972f: 155. (tx) Roberts 1964: 405; Schedl 1972f: 155.
- nairobiensis (Schedl)** 1937c: 15 (*Crossotarsus*).
Lectotype ♂; British East Africa: Nairobi; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 45.
Distribution: Africa (Ghana/ Kenya/ Tanzania).
Hosts: *Antiaris africana*, *Baphia nitida*, *Cassipourea* sp., *Cordia* sp., *Dombeya* sp., *Ekebergia ruppeliana*, *Entandophragma cylindricum*, *Eucalyptus* sp., *Mansonia altissima*, *Polyscias* sp., *Turraeanthus vignei*, *Warburgia ugandensis*.
References: (cn) Anonymous 1953j: 25; Curry 1958b: 128–132; Thompson, G. H. 1960. (ec) Anonymous 1953j: 25; Jover 1952: 73–81. (hb) Jones, Roberts, & Baker 1959: 13, 21; Jover 1952: 73–81; Thompson, G. H. 1963: 42; Webb & Jones 1957: 25–40. (ds) Gardner 1957a: 29; Schedl 1962k: 847, 1972f: 158; Thompson, G. H. 1960, 1963: 42. (tx) Nunberg 1966a: 187; Powell, W. 1987: 27; Schedl 1937c: 15, 1941d: 409, 1950e: 212, 215, 1952j: 6, 1954d: 873, 1954e: 56, 1957d: 138, 1962k: 847, 1972f: 158, 1978a: 45.
- namus (Schedl)** 1937d: 37 (*Crossotarsus*). Syntypes ♀; Kamerun; MNB, Berlin, Hamburg Museum, lost, Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon/ Tanzania/ Togo).
Notes: (1) Schedl 1978a: 46 (type restricted to MNB, Berlin specimens). (3) Schedl 1972f: 147 (treated as a subspecies of *brevis*).
References: (tx) Nunberg 1966a: 187; Schedl 1937d: 37, 1941d: 409, 1952j: 6, 1954e: 48, 1957d: 118, 142, 144, 1962k: 922, 1972f: 147.
- neoconjunctus Schedl** 1962k: 1115. Holotype ♂; Congo; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: (ds) Schedl 1972f: 162. (tx) Schedl 1962k: 1115, 1972f: 162, 1978a: 46.
- nigeriensis Roberts** 1971a: 283. Holotype ♂; Nigeria: Boshi Extension Forest Reserve, Obudu Plateau, 5000 feet; BMNH, London.
Distribution: Africa (Nigeria).
Hosts: *Garcinia gnetoides*.
References: (tx) Roberts 1971a: 283.
- nitens Browne** 1970: 581. Holotype ♂; Tanzania: Lushoto, Shume Forest Reserve; BMNH, London.
Distribution: Africa (Tanzania).
Hosts: *Albizia maranguensis*.
References: (ds) Schedl 1972f: 158. (tx) Browne 1970: 581; Schedl 1972f: 158.
- nitidulus Schedl** 1957d: 141. Holotype ♂; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.
Distribution: Africa (Sierra Leone/ Zaire).
Hosts: *Bussea occidentalis*, *Carapa grandiflora*.
Notes: (3) Schedl 1971e: 15 (described female).
References: (ds) Schedl 1962k: 790, 1971e: 4, 1972f: 155. (tx) Nunberg 1966a: 186; Schedl 1957d: 141, 1962k: 790, 1971e: 15, 1972f: 155, 1978a: 47.
- leonensis Roberts** 1970b: 477. Holotype ♂; Sierra Leone: Gola West Forest Reserve; BMNH, London. Synonymy: Schedl 1972f: 155.
References: (tx) Roberts 1970b: 477; Schedl 1972f: 155.
- notatus Schedl** 1962k: 872. Holotype ♂; Gold Coast; MRCB, Tervuren.
Distribution: Africa (Ghana/ Nigeria/ Uganda/ Zaire).
Hosts: *Cynometra alexandri*, *Hymenocardia ulmoides*, *Pentaclethra macrophylla*, *Scorodophloeus zenkeri*, *Triplochiton scleroxylon*.
Notes: (1) Schedl 1978a: 48 (citation of holotype invalid). (3) Browne 1980e: 779 (described female).
References: (hb) Thompson, G. H. 1963: 42. (ds) Gardner 1957a: 29; Roberts 1968: 191; Schedl 1972f: 160; Thompson, G. H. 1963: 42. (tx) Browne 1980e: 779; Nunberg 1966a: 188; Schedl 1950d: 35, 1952i: 59, 1954e: 56, 1962k: 872, 1972f: 160, 1978a: 48.
- obanensis Roberts** 1964: 407. Holotype ♂; Nigeria: Oban; BMNH, London.
Distribution: Africa (Congo/ Nigeria).
References: (ds) Browne 1972c: 100; Roberts 1968: 190; Schedl 1972f: 155. (tx) Roberts 1964: 407; Schedl 1972f: 155.
- obuduensis Roberts** 1966b: 623. Holotype ♂; Nigeria: Obudu Cattle Ranch; BMNH, London.
Distribution: Africa (Nigeria).
Hosts: *Scottellia coriacea*, *Trichilia* sp.
Notes: (3) Schedl 1972f: 151 (treated as a subspecies of *strombosiopsis*).
References: (ds) Roberts 1966b: 623, 1968: 192; Schedl 1972f: 151. (tx) Roberts 1966b: 623; Schedl 1972f: 151.
- occalleseus Schedl** 1957d: 134. Holotype ♂; Ruanda: Ihembe; MRCB, Tervuren.
Distribution: Africa (Ruanda/ Zaire).
Hosts: *Drypetes ituriensis*, *Syzygium parvifolium*.
References: (ds) Mayne & Donis 1962: 273; Schedl 1962k: 849, 1972f: 158. (tx) Nunberg 1966a: 187; Schedl 1957d: 134, 1962k: 849, 1972f: 158, 1978a: 49.

octodentatus **Browne** 1980e: 778. Holotype ♂: Zaire: Kisangani; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: (tx) Browne 1980e: 778.

omissus **Schedl** 1957: 133. Holotype ♂; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.
Figures: Schedl 1962k: 874, 1972f: 159.
Distribution: Africa (Zaire).
Hosts: *Radlkofera* sp.
Notes: (3) Schedl 1962k: 1116 (described female).
References: (ds) Schedl 1962k: 873, 1972f: 160. (tx) Nunberg 1966a: 186; Schedl 1957d: 133, 1962k: 873–874, 1116, 1972f: 159–160, 1978a: 49.

opifex (**Sampson**) 1922a: 139 (*Crossotarsus*). Holotype ♂; Portuguese East Africa: Xinavane; BMNH, London.
Distribution: Africa (Equatorial Guinea/ Ghana/ Kenya/ Malawi/ Mozambique/ Nigeria/ Senegal/ Sierra Leone/ Sudan/ Tanzania/ Uganda/ Zaire/ Zambia/ Zimbabwe), Madagascar.
Hosts: *Acacia lahai*, *Azela africana*, *Albizia zygia*, *Antiaris africana*, *Bussea occidentalis*, *Hymenostegia afzelii*, *Panda oleosa*, *Piptadeniastrum africanum*, *Triplochiton scleroxylon*.
References: (bv) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (hb) Browne 1963a: 261; Jones, Roberts, & Baker 1959: 13–53; Loytyniemi, Beaver, & Loytyniemi 1985: 28; Roberts 1969: 112; Thompson, G. H. 1963: 42; Webb & Jones 1957: 37, 40. (ds) Beaver & Loytyniemi 1985b: 128; Browne 1963a: 261, 1972c: 100; Gardner 1957a: 29; Mayne & Donis 1962: 273; Schedl 1933f: 197–198, 1938d: 451, 1962k: 791, 1965c: 52, 1965e: 359, 1968b: 145, 1971f: 150, 1971g: 195, 1972f: 155; Thompson, G. H. 1963: 42. (tx) Nunberg 1966a: 186; Powell, W. 1987: 27; Sampson 1922a: 137–139, 1924c: 126; Schedl 1933f: 197–198, 1935g: 319, 1936b: 128, 1939g: 167–168, 1950d: 11, 1952g: 54, 1953g: 244, 246, 1954d: 883, 1954e: 56, 1957d: 131, 1962k: 791, 1117, 1972f: 155.

opulentus **Schedl** 1952i: 59. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Dacryodes yangambiensis*, *Pterocarpus soyauxii*.
References: (ds) Mayne & Donis 1962: 273; Schedl 1962k: 874, 1972f: 160. (tx) Nunberg 1966a: 187; Schedl 1952i: 59, 1962k: 874, 1972f: 160, 1978a: 50.

oraelatus **Roberts** 1964: 403. Holotype ♂; Nigeria: Idanre; BMNH, London.
Distribution: Africa (Nigeria).
Hosts: *Ficus* sp.
References: (ds) Roberts 1968: 191; Schedl 1972f: 148. (tx) Roberts 1964; Schedl 1972f: 148.

perbrevis **Schedl** 1952i: 30. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 899.

Distribution: Africa (Congo/ Ghana/ Ivory Coast/ Kenya/ Malawi/ Nigeria/ Sierra Leone/ Uganda/ Zaire).

Hosts: *Azela africana*, *Albizia zygia*, *Blighia sapida*, *Celtis* spp., *Croton* sp., *Cynometra* sp., *Ficus exasperata*, *Khaya* spp., *Lonchocarpus sericeus*, *Mildbraediendendron excelsum*, *Tetrapleura tetraptera*, *Trema guineensis*, *Vernonia conferta*. Schedl 1962k: 901–903 (29 host species listed).

Notes: (3) Schedl 1957d: 142 and 1972f: 146 (treated as a subspecies of *brevis*). Browne 1972c: 147 (a good species).

References: (ay) Entwistle 1963b. (bv) Entwistle 1963b. (cn) Thompson, G. H. 1960. (hb) Entwistle 1963b. (ds) Browne 1980a: 373; Cachan 1957: 15; Gardner 1957a: 29; Lee 1971: 29; Mayne & Donis 1960: 96, 1962: 274; Roberts 1968: 191, 1969b: 107; Schedl 1959q: 706, 1975h: 351; Thompson, G. H. 1960. (tx) Browne 1972c: 123; Powell, W. 1987: 27; Schedl 1952i: 30–31, 1954e: 85, 1955i: 213, 1957d: 142–143, 1959q: 706, 1962h: 61, 1962k: 899, 1972f: 146–147, 1978a: 52.

perbrevis solidus Schedl 1954e: 85. Lectotype ♂; Gold Coast: Koforidua; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 53. Synonymy: Browne 1972c: 123.

Notes: (3) Schedl 1972f: 148 (treated as a subspecies of *brevis*).

References: (hb) Jones, Roberts, & Baker 1959: 13–51; Thompson, G. H. 1963: 42; Webb & Jones 1957: 35–40. (ds) Roberts 1968: 191, 1969b: 107; Thompson, G. H. 1963: 42. (tx) Browne 1972c: 123; Schedl 1954e: 56, 85, 1957d: 142–143, 1962h: 62, 1962k: 900, 1110, 1972f: 148, 1978a: 53.

perminutissimus (**Schedl**) 1936b: 130 (*Crossotarsus*). Lectotype ♀; Kamerun and Spanish Guinea; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 53.

Distribution: Africa (Cameroon/ Equatorial Guinea/ Ghana/ Nigeria/ Sierra Leone).

Hosts: *Albizia zygia*, *Cassia siamea*, *Parkia* sp., *Piptadenia africana*, *Piptadeniastrum africanum*.
Notes: (1) Schedl 1972f: 155 (to *Doliopygus*). (3) Schedl 1954e: 65 (described female), 1954e: 85 (described male).

References: (hb) Thompson, G. H. 1963: 42. (ds) Roberts 1968: 190, 1969b: 133; Schedl 1962k: 792, 1966a: 276, 1972f: 155; Thompson, G. H. 1963: 42. (tx) Nunberg 1966a: 186; Schedl 1936b: 130, 1954e: 57, 65, 85, 1957d: 131, 1962k: 792, 1117, 1972f: 155, 1978a: 53.

praeclarus (**Schedl**) 1933f: 199 (*Crossotarsus*). Lectotype ♂; Katanga: Lubombo, Elisabethville, Dunga; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 56.

Distribution: Africa (Angola/ Cameroon/ Ivory

- Coast/ Mozambique/ Nigeria/ Tanzania/ Zaire/ Zambia/ Zimbabwe).
- Notes: (3) Schedl 1936b: 130 and 1941d: 407 (described female).
- References: (bv) Loyttniemi, Beaver, & Loyttniemi 1985: 28. (hb) Loyttniemi, Beaver, & Loyttniemi 1985: 28. (ds) Beaver & Loyttniemi 1985b: 130; Ferreira 1965: 1132; Roberts 1968: 191, 1969b: 113; Schedl 1933f: 199, 1938d: 451, 1959p: 23, 1962h: 62, 1962k: 882, 1965g: 22, 1966c: 232, 1972f: 162, 1979b: 417. (tx) Nunberg 1966a: 186; Schedl 1933f: 199, 1934a: 247, 1936b: 130, 1937b: 407, 1937d: 35, 1941d: 407, 1941e: 153, 1952g: 55, 1962h: 62, 1962k: 882, 1117, 1972f: 162, 1978a: 56.
- praemorsus (Dalman)** 1823: 82 (*Platypus*). Holotype ♂; Sierra Leona; Schoenherr Collection. Distribution: Africa (Sierra Leone). References: (ds) Schedl 1972f: 155. (tx) Dalman 1823: 82; Schedl 1972f: 155.
- prolongatus Schedl** 1962k: 1117. Holotype ♂; Senegal; Schedl Collection in NHMW, Wien. Distribution: Africa (Senegal). References: (ds) Schedl 1972f: 155. (tx) Schedl 1962k: 1117, 1972f: 155, 1978a: 57.
- propinquus Schedl** 1954e: 83. Lectotype ♂; Mpraeso; Schedl Collection in NHMW, Wien. Distribution: Africa (Ghana/ Guinea/ Ivory Coast/ Nigeria/ Sierra Leone/ Zaire). Hosts: *Albizia* spp., *Celtis mildbraedii*, *Cola* sp., *Entandrophragma utile*, *Hymenostegia afzchia*, *Mammea africana*, *Pentaclethra macrophylla*, *Piptadenia africana*, *Piptadeniastrum africanum*, *Strombosia glaucescens*. References: (cn) Anonymous 1953j: 25. (ec) Anonymous 1953j: 25. (hb) Browne 1963a: 261; Jones, Roberts, & Baker 1959: 13, 44–53; Thompson, G. H. 1963: 42; Webb & Jones 1957: 25–41. (ds) Browne 1963a: 261; Roberts 1968: 190; Schedl 1962h: 62, 1962k: 793, 1965e: 359, 1966a: 276, 1972f: 155; Thompson, G. H. 1963: 42. (tx) Nunberg 1966a: 186; Schedl 1954e: 57, 83, 1962k: 793, 1972f: 155, 1978a: 57.
- proxilus Schedl** 1965e: 378. Holotype ♂; Nig. (vermutlich Nigerien); Schedl Collection in NHMW, Wien. Distribution: Africa (Nigeria). References: (ds) Schedl 1972f: 148. (tx) Schedl 1965e: 378, 1972f: 148, 1978a: 57.
- proximus Schedl** 1957d: 137. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren. Distribution: Africa (Cameroon/ Fernando Po Island/ Ghana/ Nigeria/ Zaire/ Zambia/ Zimbabwe). Hosts: *Bussca occidentalis*, *Guarea laurentii*, *Strombosia grandifolia*, *S. scheffleri*. Notes: (1) Originally named as a subspecies of *ukereweensis*. Beaver & Loyttniemi 1985: 124 (raised to species rank). References: (bv) Loyttniemi, Beaver, & Loyttniemi 1985: 28. (hb) Beaver & Loyttniemi 1985b: 124; Mayne & Donis 1967: 278; Roberts 1968: 192; Schedl 1962h: 62, 1962k: 944, 1964f: 619, 1972e: 285, 1972f: 151. (tx) Beaver & Loyttniemi 1985b: 124; Schedl 1957d: 137, 1962h: 62, 1962k: 944, 1972f: 151, 1978a: 77.
- pseudoserratus Roberts** 1966b: 627. Holotype ♂; Nigeria; Akure; BMNH, London. Distribution: Africa (Nigeria). Hosts: *Cola gigantea*, *Oxyctigma manni*, *Pterocarpus mildbraedii*, *Sterculia rhinopetala*. References: (ds) Browne 1980c: 485; Roberts 1968: 190; Schedl 1972f: 155. (tx) Roberts 1966b: 627; Schedl 1972f: 155.
- punctiventris Schedl** 1952i: 52. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren. Distribution: Africa (Cameroon/ Ghana/ Nigeria/ Sierra Leone/ Zaire). Hosts: Schedl 1962k: 850 (11 host species listed). *Alstonia congenensis*, *Klainedoxa gabonensis*, *Scorodophloeus zenkeri*. References: (ec) Schedl 1962k: 849. (hb) Schedl 1962k: 849; Thompson, G. H. 1963: 42. (ds) Mayne & Donis 1960: 96, 1962: 274; Roberts 1968: 190, 1969b: 113; Schedl 1962h: 62, 1962k: 849, 1964f: 619, 1964j: 43, 1965e: 359, 1972f: 158; Thompson, G. H. 1963: 42. (tx) Nunberg 1966a: 187; Schedl 1952i: 52, 1954e: 57, 1962k: 849, 1972f: 158, 1978a: 59.
- pygmaeolus Schedl** 1957d: 137. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren. Distribution: Africa (Zaire). Hosts: *Combretum oblongum*, *Julbernardia sereti*. References: (ds) Schedl 1962k: 937, 1972f: 150. (tx) Schedl 1957d: 137, 1962k: 937, 1966a: 187, 1972f: 150, 1978a: 59.
- rapax (Sampson)** 1924c: 127. Holotype ♂; S. Rhodesia; BMNH, London. Distribution: Africa (Angola/ Cameroon/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Sierra Leone/ Uganda/ Zaire/ Zimbabwe). Hosts: Schedl 1962k: 909–911 (56 host species listed). Notes: (3) Schedl 1952i: 27 (described female), 1972f: 148 (treated as a subspecies of *brevis*). References: (bv) Loyttniemi, Beaver, & Loyttniemi 1985: 28. (ec) Jover 1952: 73–81; Schedl 1962k: 907–912, 1972c: 69. (hb) Beaver & Loyttniemi 1985b: 121; Jover 1952: 73–81; Loyttniemi, Beaver, & Loyttniemi 1985: 28. (ds) Beaver & Loyttniemi 1985b: 121; Cachan 1957: 6, 15; Cola 1971; Gardner 1957a: 29; Mayne & Donis 1960: 96–97, 1962: 267; Nunberg 1966a: 187; Roberts 1968: 191; Schedl 1937d: 37, 1938d: 451; Thompson, G. H. 1960. (tx) Browne 1972c: 123; Mayne & Donis 1960: 96, 1962: 274; Nunberg 1966a: 187; Sampson 1924c: 127–128;

- Schedl 1937d: 37, 1941d: 381, 1950d: 5, 1951f: 40, 1952i: 27–31, 1952j: 6–7, 1954d: 873, 1957d: 123, 142–143; 1962k: 907, 1972f: 148, 1978a: 61. *perbrevis brevisculus* Schedl 1952i: 31. Holotype ♂; Congo Belge; Yangambi; Schedl Collection in NHMW, Wien. Synonymy: Browne 1972c: 123.
- Notes: (3) Schedl 1972f: 147 (treated as a subspecies of *brevis*).
- References: (hb) Thompson, G. H. 1963: 42. (ds) Ferreira 1965: 1131; Mayne & Donis 1960: 96, 1962: 274; Thompson, G. H. 1963: 42. (tx) Browne 1972c: 123; Schedl 1952i: 31, 1954e: 56–69, 1957d: 142–143, 1959p: 22, 1962k: 905, 1972f: 147, 1978a: 53.
- brevis interstitialis* Schedl 1957d: 143. Syntype ♂; Congo Belge, Camp Putnam [Schedl 1978a: 17]; Schedl Collection in NHMW, Wien. Synonymy: Browne 1972c: 123.
- Notes: (1) Schedl 1978a: 17 (citation of holotype invalid).
- References: (ec) Schedl 1962k: 912. (hb) Schedl 1962k: 912. (ds) Mayne & Donis 1962: 267; Roberts 1968: 191; Schedl 1962k: 912, 1972f: 147. (tx) Browne 1972c: 123; Schedl 1957d: 143, 1962k: 912, 1972f: 147, 1978a: 17.
- regularis** Schedl 1941d: 406. Holotype ♂; Isle Principe, Rocalnf. Henrique; Schedl Collection in NHMW, Wien.
- Distribution: Africa (Principe Island in Gulf of Guinea).
- References: (ds) Schedl 1972f: 155. (tx) Nunberg 1966a: 186; Schedl 1936e: 51, 1941d: 406, 1962k: 794, 1972f: 155, 1978a: 62.
- retusus** Schedl 1957d: 131. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.
- Distribution: Africa (Angola/ Equatorial Guinea/ Ghana/ Nigeria/ Ruanda/ Sierra Leone/ Zaire).
- Hosts: *Barteria nigriflora*, *Bussea occidentalis*, *Celtis adolphofrederici*, *Chrysophyllum* sp., *Combretodendron africanum*, *C. macrophyllum*, *Macaranga* sp., *Maesopsis eminii*, *Oxytigma oxyphyllum*, *Paramacrolobium coeruleum*.
- References: (ec) Schedl 1962k: 795. (hb) Browne 1963a: 261; Schedl 1962k: 795. (ds) Browne 1962d: 93, 1963a: 261; Ferreira 1965: 1132; Mayne & Donis 1962: 275; Roberts 1968: 190, 1969b: 113; Schedl 1959p: 23, 1962h: 62, 1962k: 795, 1965e: 359, 1971g: 195, 1972e: 285, 1972f: 155. (tx) Nunberg 1966a: 186; Schedl 1957d: 131, 1962k: 795, 1118, 1972f: 155, 1978a: 62.
- rhodesianus** (Schedl) 1937c: 14 (*Crossotarsus*). Syntypes ♀; Rhodesia: Salisbury; BMNH, London.
- Distribution: Africa (Cameroon/ Fernando Po Island/ Ghana/ Nigeria/ Tanzania/ Uganda/ Zaire/ Zambia).
- Hosts: Schedl 1962k: 941–942 (20 host species listed).
- Notes: (1) Schedl 1978a: 62 (type restricted to BMNH specimens). (3) Schedl 1972f: 151 (treated as a subspecies of the junior name *ukereveensis*), Beaver et al. 1985: 125 (corrected name priority). References: (ds) Gardner 1957: 29. (tx) Schedl 1937c: 14–15, 1957b: 158, 1962k: 945, 1972f: 151, 1978a: 62.
- ukereveensis* Schedl 1939g: 168 (*Crossotarsus*). Syntypes ♂ ♀; Insel Ukerewe [Uganda] [Schedl 1978a: 77]; Conrad Collection, and Schedl Collection in NHMW, Wien. Synonymy: Beaver & Loytyniemi 1985: 124.
- Notes: (1) Schedl 1978a: 77 (citation of holotype invalid).
- References: (ec) Schedl 1962k: 940. (hb) Browne 1963a: 263; Schedl 1962k: 940. (ds) Browne 1963a: 263; Gardner 1957a; Mayne & Donis 1960: 98, 1962: 277; Schedl 1962k: 940, 1971g: 195, 1972f: 151. (tx) Nunberg 1966a: 187; Schedl 1939g: 168–169, 1957b: 152, 158, 1957d: 137, 1962k: 940, 1118, 1972f: 151, 1978a: 77.
- exasperatus* Roberts 1966a: 624. Holotype ♂; Nigeria: Awi; BMNH, London.
- Notes: (1) The status of this name is questionable; Schedl 1972f: 151 treated it as a synonym of *ukereveensis* subspecies *proximus*; Beaver et al. 1985: 125 treated it as a good species.
- References: (ds) Roberts 1968: 191. (tx) Roberts 1966a: 624; Schedl 1972f: 151.
- robustus** Browne 1972c: 113. Holotype ♂; Congo-Kinshasa; Yangambi; MRCB, Tervuren.
- Distribution: Africa (Zaire).
- References: (tx) Browne 1972c: 112–113.
- santiriae** Roberts 1970a: 68. Holotype ♂; Nigeria: Ngel Nyaki, Mambilla Plateau, 1500 m; MRCB, Tervuren.
- Distribution: Africa (Nigeria).
- Hosts: *Santiria trimera*.
- References: (tx) Roberts 1970a: 68.
- schoutedeni** (Sampson) 1924c: 123 (*Crossotarsus*). Holotype ♂; Belgian Congo: Elisabethville (Miss. Agric.); MRCB, Tervuren.
- Distribution: Africa (Angola/ Zaire/ Zambia).
- Notes: (1) Schedl 1972: 150 (to *Doliopygus*).
- References: (bv) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (hb) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (ds) Beaver & Loytyniemi 1985b: 124; Ferreira 1965: 1133; Schedl 1959p: 23, 1962k: 938, 1972f: 150. (tx) Nunberg 1966a: 187; Powell, W. 1987: 27; Sampson 1924c: 123–124; Schedl 1937b: 406, 1941d: 407, 1953g: 244, 1957d: 136, 1962k: 938, 1972f: 150.
- semipilosus** (Schedl) 1936b: 133 (*Crossotarsus*). Holotype ♀; Kongo; Schedl Collection in NHMW, Wien.
- Distribution: Africa (Zaire).
- Hosts: *Combretodendron africanum*, *C. macrophyllum*, *Pterocarpus soyauxii*, *Strombosia glaucescens*, *Tridesmostemon clausenii*.

Notes: (1) Schedl 1972f: 155 (to *Doliopygus*). (3) Schedl 1957d: 141 (described male).

References: (ds) Mayne & Donis 1962: 275; Schedl 1962k: 798, 1966c: 232, 1972f: 155. (tx) Nunberg 1966a: 186; Schedl 1936b: 133–134, 1957d: 141, 1962k: 798, 1972f: 155, 1978a: 65.

serratus Schedl 1953g: 246. Lectotype ♂: Congo Belge, Kasenyi, W. Darfur, N. Jebel Murra, Kurra, 5600 ft., and Senegal: Thies; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 65. Distribution: Africa (Ghana/ Senegal/ Sudan/ Zaire).

Notes: (3) Roberts 1971a: 285 (described female). References: (ds) Schedl 1962k: 938, 1968b: 145, 1972f: 155, 1975h: 351. (tx) Nunberg 1966a: 186; Powell, W. 1987: 27; Roberts 1971a: 285; Schedl 1953g: 246, 1957d: 132, 1962k: 938, 1972k: 938, 1972f: 155, 1978a: 65.

serratus (Strohmeyer) 1911g: 226 (*Crossotarsus*). Syntypes ♂ ♀; Kamerun and Kilimandjaro; Strohmeyer Collection, and MNB, Berlin.

Distribution: Africa (Angola/ Bechuanaland/ Cameroon/ Congo/ Dahomey/ Equatorial Guinea/ Fernando Po Island/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Nigeria/ Sierra Leone/ Tanzania/ Togo/ Uganda/ Zaire/ Zambia/ Zimbabwe).

Hosts: Schedl 1962k: 802–807 (118 host species listed).

Notes: (1) Schedl 1941d: 381 (to *Doliopygus*).

References: (ay) Entwistle 1963b; Francke-Grosmann 1956b: 275–308; Lhoste & Roche 1960; Strohmeyer 1918: 15, 21. (bv) Entwistle 1963b. (cn) Anonymous 1953j: 25; Browne 1968b: 248; Curry 1958b: 128–132; Mayne & Donis 1951: 335; Vrydagh 1947a: 9. (ec) Anonymous 1953j: 25; Francke-Grosmann 1956b; Jover 1952: 73–81; Mayne & Donis 1951: 335; Roberts 1960: 37–39, 1969b: 113; Schedl 1962k: 798. (hb) Beaver & Loytyniemi 1985b: 128; Browne 1963a: 262, 1968b: 248; Entwistle 1963b; Jover 1952: 73–81; Schedl 1962k: 798; Thompson, G. H. 1963: 43. (ds) Amaro & Gouveia 1957: 100, 130, 141; Beaver & Loytyniemi 1985b: 128; Browne 1962: 94, 1963a: 262, 1968b: 248, 1980b: 382; Cachan 1957: 5, 15, 43–53; Cola 1971; Ferreira 1965: 1133; Gardner 1957a: 29; Jones, Roberts, & Baker 1959: 13, 50; Mayne & Donis 1960: 98, 1962: 275; Menier 1973a; Roberts 1960b: 37, 1960e, 1960f, 1968: 190; Schedl 1933f: 196, 1959p: 23, 1962h: 62, 1962k: 798, 1964f: 619, 1964j: 43, 1965e: 359, 1965g: 22, 1965h: 112, 1966c: 232, 1967e: 221, 1971e: 2, 1971g: 195, 1972e: 285, 1972f: 156, 1975h: 351, 1979b: 417; Strohmeyer 1912c: 7, 1914c: 34; Thompson, G. H. 1963: 43; Vrydagh 1947a: 8; Webb & Jones 1957: 25–41. (tx) Nunberg 1966a: 186; Sampson 1924c: 125; Schedl 1933f: 196, 1935g: 318–319, 1936b: 127–132, 1936e: 51, 1937b: 407, 1937d: 35, 1939b:

394, 1941d: 381, 406–407, 1941e: 153, 1950d: 4, 11, 14, 1950e: 212, 1951e: 39, 1951f: 40, 1952g: 54, 1952i: 27, 1953g: 244–245, 1954d: 873, 1954e: 48, 57, 1955d: 270, 1962k: 798, 1118, 1972f: 156; Strohmeyer 1911g: 225–227, 1912c: 7, 1914c: 34.

spatiosus (Schedl) 1935g: 316 (*Crossotarsus*). Lectotype ♂; Belgian Congo: 18 miles SW Elisabethville, Mozambique: Prov. de Gorongosa, Tendos du Sungoae et Riy Vunduzialt, N. Rhodesia: N'Changa, Tanganyika: Nord Rubcho; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 67.

Distribution: Africa (Bechuanaland/ Malawi/ Mozambique/ South Africa/ Tanzania/ Zaire/ Zambia/ Zimbabwe).

Hosts: *Brachystegia* sp.

Notes: (1) Schedl 1972f: 156 (to *Doliopygus*).

References: (bv) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (hb) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (ds) Beaver & Loytyniemi 1985b: 129; Browne 1980c: 485; Lee 1971: 30; Schedl 1938d: 451, 1962k: 883, 1972f: 156. (tx) Nunberg 1966a: 186; Powell, W. 1987: 27; Schedl 1935g: 316–318, 1936b: 126, 1937c: 15, 1941e: 154, 1962k: 883, 1972f: 156, 1978a: 67.

spectabilis Schedl 1952i: 44. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.

Figures: Schedl 1962k: 884.

Distribution: Africa (Zaire).

Hosts: Schedl 1962k: 884–885 (11 host species listed).

References: (ds) Mayne & Donis 1960: 98, 1962: 276; Schedl 1962k: 884, 1972f: 162. (tx) Nunberg 1966a: 186; Schedl 1952i: 44, 1962k: 884, 1972f: 162, 1978a: 67.

spinidens (Strohmeyer) 1911g: 225 (*Crossotarsus*). Holotype ♂; Sankuru-Fluss [Zaire]; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

Notes: (1) Schedl 1972f: 156 (to *Doliopygus*).

References: (ds) Schedl 1972f: 156; Strohmeyer 1912c: 7, 1914c: 34. (tx) Nunberg 1966a: 186; Schedl 1962k: 809, 1972f: 156; Strohmeyer 1911g: 225–226, 1912c: 7, 1914c: 34.

staneri Schedl 1952i: 33. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.

Figures: Schedl 1962k: 810.

Distribution: Africa (Zaire).

Hosts: *Canarium schweinfurthii*, *Entandrophragma* sp., *Guarea thompsonii*, *Tessmannia claessensi*.

References: (ds) Mayne & Donis 1960: 98, 1962: 277; Schedl 1962k: 810, 1972f: 156. (tx) Nunberg 1966a: 186; Schedl 1952i: 33, 1962k: 810, 1972f: 156, 1978a: 68.

strombosipis Schedl 1957d: 137. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Strombosiopsis tetrandra*.

References: (**ds**) Schedl 1962k: 939, 1967e: 221, 1972f: 151. (**tx**) Nunberg 1966a: 194; Schedl 1957d: 137, 1962k: 939, 1972f: 151, 1978a: 69.

subditivus (Schedl) 1935g: 319 (*Crossotarsus*).
Syntypes ♂; Congo; A. Collart Collection, and Schedl Collection in NHMW, Wien.

Distribution: Africa (Angola/ Cameroon/ Central African Republic/ Ivory Coast/ Kenya/ Nigeria/ Zaïre).

Hosts: Schedl 1962k: 812–814 (28 host species listed).

Notes: (1) Schedl 1978a: 70 (citation of holotype invalid). (3) Schedl 1954d: 884 (described female).

References: (**ec**) Roberts 1969a; Schedl 1962k: 801. (**hb**) Gardner 1957c; Schedl 1962k: 811. (**ds**) Browne 1965a: 205, 1972c: 100; Ferreira 1965: 1133; Gardner 1957a: 29, 1957c: 292; Mayne & Donis 1960: 98, 1962: 277; Menier 1973a; Roberts 1968: 190, 1969b: 114; Schedl 1959p: 23, 1962k: 811, 1964f: 619, 1964j: 43, 1966c: 232, 1967e: 221, 1972f: 156, 1979b: 417. (**tx**) Nunberg 1966a: 186; Schedl 1935g: 319, 1952i: 38, 1954d: 874, 885, 1954e: 84, 1957d: 131, 1962k: 811, 1972f: 156, 1978a: 70.

subdolosus Schedl 1952i: 52. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Celtis brieiyi*, *Ficus* sp., *Maba laurentii*, *Piptadenia africana*.

References: (**ds**) Mayne & Donis 1962: 277; Schedl 1962k: 851, 1972f: 158. (**tx**) Browne 1970: 581; Nunberg 1966a: 187; Schedl 1952i: 52, 1962k: 851, 1972f: 158, 1978a: 70.

submarginatus Schedl 1962k: 873. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Hymenocardia ulmoides*, *Pentaclethra macrophylla*, *Scorodophloeus zenkeri*.

Notes: (1) This was originally named as a subspecies of *notatus*, but was needlessly redescribed as a homonymous new species with a different holotype when it was raised to specific rank (Schedl 1971e: 16).

References: (**ds**) Schedl 1972f: 160. (**tx**) Schedl 1962k: 873, 1972f: 160, 1978a: 48.

submarginatus Schedl 1971e: 16. Holotype ♂; Ehemaliger Congo Belge, Yangambi; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1962.

References: (**tx**) Schedl 1971e: 16.

subnotatus Schedl 1950d: 35. Holotype ♀; Kamerun; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon).

Notes: (3) Schedl 1972f: 148 (treated as a subspecies of *brevis*).

References: (**tx**) Nunberg 1966a: 187; Schedl 1950d: 35, 1952j: 6, 1957d: 142, 1962k: 907, 1972f: 148, 1978a: 70.

subseratus Browne 1980b: 389. Holotype ♂; Mtwara (Tanzania) to Nagoya (Japan), imported; BMNH, London.

Distribution: Africa (Tanzania).

Hosts: *Pterocarpus angolensis*.

References: (**tx**) Browne 1980b: 389.

tenuis (Strohmeyer) 1912f: 86 (*Crossotarsus*).

Holotype ♂; Mkulsumi-Berg (Deutsch-Ostafrika); Hamburg Museum, lost, and IPKE, Eberswalde.

Distribution: Africa (Cameroon/ Congo/ Dahomey/ Equatorial Guinea/ Ghana/ Guinea/ Ivory Coast/ Nigeria/ Sierra Leone/ Tanzania/ Uganda/ Zaïre).

Hosts: Schedl 1962k: 819–823 (66 host species listed).

Notes: (1) Schedl 1972f: 156 (to *Doliopygus*).

References: (**ay**) Menier 1976: 348. (**bv**) Menier 1976: 348. (**ec**) Schedl 1962k: 818. (**hb**) Anonymous 1959i: 18; Browne 1963a: 263; Schedl 1962k: 818; Strohmeyer 1911a: 182. (**ds**) Browne 1963a: 263; Cola 1973; Jones, Roberts, & Baker 1959: 13–53; Mayne & Donis 1951: 335–336, 1960: 277, 1962: 277; Menier 1973a; Roberts 1960b: 35, 1960e, 1960f: 39, 1968: 190, 1969b: 114; Schedl 1933f: 198, 1962h: 62, 1962k: 818, 1964f: 619, 1966c: 233, 1967e: 222, 1969a: 203, 1971g: 195, 1972f: 156, 1975h: 351; Spahr 1981: 79; Strohmeyer 1911a: 182, 1912c: 7, 1914c: 34. (**tx**) Nunberg 1966a: 186; Sampson 1924c: 126; Schedl 1933f: 197–198, 1939a: 468–469, 1941d: 381, 1941e: 154, 1950d: 4, 14, 1953g: 245, 1954d: 874, 1955d: 270, 1957d: 130–131, 1962k: 818, 1965c: 52, 1972f: 156, 1978a: 70, 72; Strohmeyer 1911a: 182, 1912e: 7, 1912f: 86, 1914c: 34.

terebrans Schedl 1964j: 48. Holotype ♂; Nigeria: Kano; BMNH, London.

Distribution: Africa (Angola/ Ghana/ Nigeria/ Senegal/ Sierra Leone/ Uganda/ Zaïre).

Hosts: *Acacia dudgeoni*, *Daniellia oliveri*, *Monotes kerstingii*.

References: (**ec**) Roberts 1969a. (**hb**) Browne 1963a: 263. (**ds**) Browne 1963a: 263; Roberts 1968: 192; Schedl 1962k: 939, 1972f: 160. (**tx**) Nunberg 1966a: 186; Schedl 1962k: 939, 1964j: 48, 1972f: 160, 1978a: 73.

togatus (Schedl) 1937c: 15 (*Crossotarsus*). Lectotype ♀; Rhodesia; Salisbury; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 74.

Distribution: Africa (Zambia/ Zimbabwe).

Notes: (1) Schedl 1972f: 148 (to *Doliopygus*). (3) Schedl 1972f: 148 (treated as a subspecies of *brevis*).

Beaver & Loytyniemi 1985b: 122 (described male).
References: (**bv**) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (**hb**) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (**ds**) Beaver & Loytyniemi 1985b: 122. (**tx**) Schedl 1937c: 15, 1950d: 35, 1952j: 6, 1957d: 142, 1962k: 907, 1972f: 48, 1978a: 74.

trichiliae Schedl 1957d: 132. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.

- Distribution: Africa (Zaire).
 Hosts: *Trichilia rubescens*.
 References: **(ec)** Schedl 1962k: 940. **(hb)** Schedl 1962k: 940. **(ds)** Schedl 1962k: 940, 1972f: 156. **(tx)** Nunberg 1966a: 186; Schedl 1957d: 132, 1962k: 940, 1972f: 156, 1978a: 74.
- tridens Roberts** 1970a: 69. Holotype ♂; Nigeria: Idanre Forest Reserve; MRCB, Tervuren.
 Distribution: Africa (Nigeria).
 References: **(tx)** Roberts 1970a: 69.
- ugandae Schedl** 1956a: 35. Holotype ♂; Uganda: Kampala, Mulange Mabira Forest, 4000 ft.; Schedl Collection in NHMW, Wien.
 Distribution: Africa (Uganda).
 References: **(ds)** Schedl 1972f: 162. **(tx)** Nunberg 1966a: 186; Schedl 1956a: 32–35, 1962k: 885, 1972f: 162, 1978a: 76.
- uncinatus Schedl** 1953g: 247. Lectotype ♂; Congo Belge: Elisabethville; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 77.
 Distribution: Africa (Angola/ Tanzania/ Zaire/ Zambia).
 References: **(bv)** Loyttyneimi, Beaver, & Loyttyneimi 1985: 28. **(hb)** Loyttyneimi, Beaver, & Loyttyneimi 1985: 28. **(ds)** Beaver & Loyttyneimi 1985b: 129; Ferreira 1965: 1133; Schedl 1959p: 23, 1962h: 73, 1972f: 156. **(tx)** Nunberg 1966a: 186; Schedl 1953g: 247, 1956a: 34, 1962k: 823, 1972f: 156, 1978a: 77.
- unicornis Schedl** 1952i: 48. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
 Distribution: Africa (Cameroon/ Congo/ Equatorial Guinea/ Ivory Coast/ Nigeria/ Zaire).
 Hosts: Schedl 1962k: 893–895 (45 host species listed).
 References: **(ec)** Schedl 1962k: 892. **(hb)** Schedl 1962k: 892. **(ds)** Browne 1984b: 287; Cola 1971; Mayne & Donis 1960: 98, 1962: 278; Roberts 1968: 191, 1969b: 115; Schedl 1962k: 892, 1964f: 619, 1966c: 233, 1967e: 222, 1972f: 162. **(tx)** Nunberg 1966a: 186; Schedl 1952i: 48, 1954d: 874, 1957d: 130, 1962k: 892–895, 1119, 1972f: 162, 1978a: 77.
- unicus (Schedl)** 1935g: 319 (*Crossotarsus*). Syn-types ♂; Belgian Congo: Kasamvu; A. Collart Collection, and Schedl Collection in NHMW, Wien.
 Distribution: Africa (Kenya/ Nigeria/ Zaire).
 Hosts: *Celtis* sp., *Croton* spp.
 References: **(ds)** Gardner 1957a: 29; Roberts 1968: 190; Schedl 1962k: 851, 1972f: 158. **(tx)** Nunberg 1966a: 187; Schedl 1935g: 319–320, 1962k: 851, 1972f: 158.
- vilis Schedl** 1962k: 1119. Holotype ♂; Kenya; Schedl Collection in NHMW, Wien.
 Distribution: Africa (Kenya/ Nigeria/ Uganda).
 Notes: (3) Roberts 1972: 72 (described female).
 References: **(ds)** Browne 1983a: 556, 1984b: 287; Roberts 1968: 192, 1969b: 115; Schedl 1972f: 151. **(tx)** Roberts 1972: 72; Schedl 1962k: 1119, 1972f: 151, 1978a: 81.

- wittei Schedl** 1952g: 55. Lectotype ♂; Parc Nat. de l'Upemba, Kaswabilenga, 700 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 81.
 Distribution: Africa (Zaire).
 References: **(ds)** Schedl 1972f: 156. **(tx)** Schedl 1952g: 55, 1962k: 824, 1972f: 156, 1978a: 81.
- woltschei Schedl** 1957d: 138. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
 Distribution: Africa (Zaire).
 Hosts: *Dialium corbisieri*, *Staudtia stipitata*, *Turraacanthus africana*.
 References: **(hb)** Schedl 1962k: 945. **(ds)** Schedl 1962k: 945, 1972f: 151. **(tx)** Nunberg 1966a: 187; Schedl 1957d: 138, 1962k: 945, 1972f: 151, 1978a: 81.
- zonatus Schedl** 1962k: 1120. Holotype ♂; Congo: Kivu; Schedl Collection in NHMW, Wien.
 Distribution: Africa (Ghana/ Zaire).
 References: **(ds)** Schedl 1972f: 158. **(tx)** Schedl 1962k: 1120, 1972f: 158, 1978a: 82.

Genus *Dendroplatypus* Browne

- DENDROPLATYPUS BROWNE** 1955: 363. Type-species: *Crossotarsus impar* Schedl, original designation.
 References: **(cn)** Browne 1968b: 228. **(hb)** Browne 1961c: 213, 1968b: 228; Schedl 1972f: 138. **(ds)** Browne 1968b: 228; Schedl 1972f: 138. **(tx)** Browne 1955: 365, 1962e: 650, 655, 1972a: 180; Schedl 1972f: 138.
- impar (Schedl)** 1936d: 13 (*Crossotarsus*). Lectotype ♂; Malay Peninsula, Johore North: Klang, Lower Perak, Bt. Tunggal For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 36.
 Figures: Schedl 1972f: 138 (male).
 Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo, Sumatra).
 Hosts: *Shorea leprosula*, *S. parvifolia*.
 Notes: (1) Browne 1955: 365 (to *Dendroplatypus*).
 References: **(bv)** Bletchly 1961: 15; Neumann & Harris 1974: 136. **(cn)** Beeson 1961 (1941: 254); Browne 1938b, 1952; Browne & Foenander 1937. **(hb)** Browne 1936b: 13, 1961c: 213–216, 1965b. **(ds)** Beeson 1941 (1961: 254); Browne 1961c: 213, 1980a: 371; Browne & Foenander 1937; Schedl 1972f: 140. **(tx)** Browne 1936a: 120–127, 1936b: 3, 1950b: 649, 1955: 364–365, 372, 1972a: 180; Schedl 1936d: 13, 1939b: 391, 1972a: 180, 1972f: 138, 140, 1978a: 36.
- philippinensis (Blandford)** 1896b: 193 (*Platypus*). Holotype ♂; Philippine Is.; BMNH, London.
 Figures: Schedl 1972f: 193 (male).
 Distribution: Philippine Islands (Luzon, Mindanao).
 Notes: (3) Schedl 1935b: 395 (described female).
 References: **(ds)** Schedl 1966b: 97, 1972f: 204; Strohmeier 1912c: 19, 1914c: 29. **(tx)** Blandford 1896b: 193; Browne 1962e: 650; Nobuchi 1985: 329; Schedl 1935b: 395, 1939b: 398, 1952b: 366, 1972f: 204, 1978a: 55; Strohmeier 1911b: 17, 1912c: 19, 1914c: 29.

Hosts of Scolytidae and Platypodidae

The following host list includes only those host associations for Scolytidae that were in the computer in January 1992. Almost all associations for Platypodidae are included to August 1992. The user should also consult the hosts listed under beetle species in order to include the maximum number of host associations.

"L. glauca"

Hypothenemus parallelus (Hopkins).

"Mudirira"

Phrixosoma nigra (Eggers).

"Nudarira"

Hylesinopsis niger (Schedl).

Abies alba

Hylurgops glabratus (Zetterstedt), *Hylurgops palliatus* (Gyllenhal), *Pityophthorus cephalonicae* Pfeffer, *Pityophthorus pityographus* (Ratzeburg).

Abies amabilis

Cryphalus ruficollis Hopkins, *Dryocoetes confusus* Swaine, *Pityokteines lasiocarpi* (Swaine), *Pityokteines mystacinus* Wood, *Pseudohylesinus dispar dispar* Blackman, *Pseudohylesinus dispar pullatus* Blackman, *Pseudohylesinus granulatus* (LeConte), *Pseudohylesinus nobilis* Swaine, *Pseudohylesinus sericeus* (Mannerheim).

Abies balsamea

Cryphalus ruficollis Hopkins, *Crypturgus borealis* Swaine, *Pityokteines sparsus* (LeConte), *Pityophthorus angustus* Blackman, *Pityophthorus balsameus* Blackman, *Pityophthorus cariniceps* LeConte, *Pityophthorus opaculus* LeConte, *Pityophthorus puberulus* (LeConte), *Pityophthorus pulicarius* (Zimmermann).

Abies borisi-regis

Pityophthorus pityographus (Ratzeburg).

Abies bornmulleriana

Cryphalus asperatus (Gyllenhal), *Pityophthorus pityographus* (Ratzeburg).

Abies bracteata

Scolytus dentatus Bright.

Abies cephalonica

Cryphalus piceae (Ratzeburg), *Pityophthorus cephalonicae* Pfeffer, *Pityophthorus pityographus* (Ratzeburg), *Pityophthorus pubescens* (Marshall), *Platypus oxyurus* Dufour.

Abies concolor

Crypturgus borealis Swaine, *Dryocoetes confusus* Swaine, *Gnathotrichus denticulatus* Blackman, *Gnathotrichus retusus* (LeConte), *Gnathotrichus sulcatus* (LeConte), *Hylastes gracilis* LeConte, *Pityokteines elegans* Swaine, *Pityophthorus apachae* Bright, *Pityophthorus opaculus* LeConte, *Pityophthorus pseudotsugae* Swaine, *Pityophthorus solers* Blackman, *Platypus abietis* Wood, *Pseudohylesinus dispar dispar* Blackman, *Pseudohylesinus maculosus* Blackman, *Scolytus obelus* Wood, *Scolytus opacus* Blackman, *Scolytus praeceps* LeConte, *Scolytus robustus* Blackman, *Scolytus subscaber* LeConte, *Scolytus ventralis* LeConte.

Abies delavayi

Hylurgops eusulcatus Tsai & Huang, *Phloeosinus abietis* Tsai & Yin.

Abies densa

Cryphalus strommeyeri Stebbing.

Abies fabri

Ambrosiodmus rubricollis (Eichhoff), *Cryphalus redikorzei* Berger, *Polygraphus major* Stebbing, *Poly-*

graphus zhungdianensis Tsai & Yin, *Xyleborus emarginatus* Eichhoff, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus germanus* (Blandford).

Abies faxoniana

Cryphalus markangensis Tsai & Li, *Cryphalus pilosus* Tsai & Li, *Cryphalus sinoabietis* Tsai & Li.

Abies firma

Coccotrypes norimasanus (Murayama), *Cryphalus jeholensis* Murayama, *Cryphalus piceae* (Ratzeburg), *Euwallacea validus* (Eichhoff), *Platypus calamus* Blandford, *Platypus lewisi* Blandford, *Polygraphus oblongus* Blandford.

Abies fraseri

Cryphalus ruficollis Hopkins, *Pityophthorus dentifrons* Blackman, *Polygraphus rufipennis* (Kirby).

Abies grandis

Cryphalus pubescens Hopkins, *Cryphalus ruficollis* Hopkins, *Crypturgus borealis* Swaine, *Pityophthorus pseudotsugae* Swaine, *Pseudohylesinus dispar dispar* Blackman, *Pseudohylesinus dispar pullatus* Blackman, *Pseudohylesinus granulatus* (LeConte), *Pseudohylesinus sericeus* (Mannerheim), *Scolytus opacus* Blackman, *Scolytus subscaber* LeConte, *Scolytus ventralis* LeConte.

Abies guatemalensis

Pityophthorus mesembria Bright.

Abies holophylla

Cryphalus kurenzovi Stark, *Cryphalus laricis* Niisima, *Cryphalus piceae* (Ratzeburg), *Cryphalus redikorzei* Berger, *Dryocoetes striatus* Eggers, *Hylurgops interstitialis* (Chapuis), *Pityophthorus abietinus* Wood, *Polygraphus abietis* Kurenzov.

Abies koreana

Ambrosiodmus rubricollis (Eichhoff), *Xyleborinus saxeseni* (Ratzeburg).

Abies lasiocarpa

Cryphalus ruficollis Hopkins, *Crypturgus borealis* Swaine, *Dryocoetes confusus* Swaine, *Dryocoetes sechelti* Swaine, *Hylastes subopacus* Blackman, *Phloeotribus lecontei* Schedl, *Pityokteines lasiocarpi* (Swaine), *Pityokteines minutus* (Swaine), *Pityophthorus absonus* Blackman, *Pityophthorus opaculus* LeConte, *Pityophthorus pseudotsugae* Swaine, *Pityophthorus solers* Blackman, *Pseudohylesinus granulatus* (LeConte), *Pseudohylesinus maculosus* Blackman, *Scierus pubescens* Swaine, *Scolytus opacus* Blackman.

Abies magnifica

Cryphalus ruficollis Hopkins, *Gnathotrichus retusus* (LeConte), *Gnathotrichus sulcatus* (LeConte), *Pityokteines elegans* Swaine, *Pityophthorus pseudotsugae* Swaine, *Pityophthorus solers* Blackman, *Platypus wilsoni* Swaine, *Pseudohylesinus dispar dispar* Blackman, *Pseudohylesinus granulatus* (LeConte), *Scolytus subscaber* LeConte, *Scolytus ventralis* LeConte.

Abies mariesii

Cryphalus montanus Nobuchi, *Cryphalus piceae* (Ratzeburg), *Polygraphus oblongus* Blandford.

Abies nephrolepis

Cryphalus kurenzovi Stark, *Dryocoetes striatus* Eggers,

Hylastes plumbens Blandford, *Pityogenes scirindensis* Murayama, *Polygraphus jezoensis* Niisima, *Polygraphus miser* Blandford, *Polygraphus proximus* Blandford.

Abies nobilis

Dolurgus pumilus (Mannerheim).

Abies nordmanniana

Hylurgops palliatus (Gyllenhal).

Abies numidica

Cryphalus numidicus Eichhoff, *Crypturgus numidicus* Ferrari, *Platypus oxyurus* Dufour.

Abies pectinata

Cryphalus asperatus (Gyllenhal), *Cryphalus piceae* (Ratzeburg), *Hylurgops palliatus* (Gyllenhal), *Ips amittinus* (Eichhoff), *Phlocotribus spinulosus* (Rey), *Pityogenes irkutensis* Eggers, *Pityokteines curvidens* (Germar), *Pityokteines spinidens* (Reitter), *Pityokteines vorontzovi* (Jacobson), *Pityophthorus pityographus* (Ratzeburg), *Platypus oxyurus* Dufour.

Abies pindrow

Cryphalus strohmeyeri Stebbing, *Dryocoetes quadrisulcatus* Strohmeier, *Pityophthorus deodara* (Stebbing), *Scolytoplatypus siomio* Blandford.

Abies pinsapo

Crypturgus numidicus Ferrari, *Pityophthorus pinsapo* Pfeffer.

Abies procera

Pseudohylesinus dispar pullatus Blackman, *Pseudohylesinus granulatus* (LeConte), *Pseudohylesinus nobilis* Swaine, *Pseudohylesinus sericeus* (Mannerheim), *Pseudohylesinus tsugae* Swaine.

Abies religiosa

Gnathotrichus sulcatus (LeConte), *Pityophthorus abiegnus* Wood, *Pityophthorus anthracinus* Bright, *Pityophthorus brighti* Wood, *Pityophthorus rudis* Blackman, *Pityophthorus solers* Blackman, *Pseudohylesinus magnus* Wood, *Pseudohylesinus variegatus* (Blandford), *Scolytus aztecus* Wood, *Scolytus hernosus* Wood, *Scolytus mundus* Wood.

Abies sachalinensis

Cryphalus laricis Niisima, *Cryphalus piceae* (Ratzeburg), *Cryphalus yanaguchii* Inouye & Nobuchi, *Dryocoetes striatus* Eggers, *Polygraphus gracilis* Niisima, *Polygraphus proximus* Blandford.

Abies sibirica

Carphoborus jurinskii Eggers, *Carphoborus rossicus* Semenov, *Carphoborus teplouchovi* Spessivtsev, *Polygraphus subopacus* Thomson.

***Abies* spp.**

Cryphalus latus Eggers, *Cryphalus lepocrinus* Tsai & Li, *Cryphalus markangensis* Tsai & Li, *Cryphalus pilosus* Tsai & Li, *Cryphalus sinoabietis* Tsai & Li, *Crypturgus cinereus* (Herbst), *Crypturgus hispidulus* Thomson, *Crypturgus pusillus* (Gyllenhal), *Dendroctonus micans* (Kugelann), *Dendroctonus valens* LeConte, *Dryocoetes affaber* (Mannerheim), *Dryocoetes autographus* (Ratzeburg), *Dryocoetes hectographus* Reitter, *Dryocoetes pini* Niisima, *Dryocoetes rugicollis* Eggers, *Gnathotrichus materiarius* (Fitch), *Hylastes ater* (Paykull), *Hylastes nigrinus* (Mannerheim), *Hylurgops glabratus* (Zetterstedt), *Ips acuminatus* (Gyllenhal), *Ips cembrae* (Heer), *Pityogenes bidentatus* (Herbst), *Pityogenes chalcographus* (Linnaeus), *Pityogenes quadridens* (Hartig), *Pityophthorus jucundus* Blandford, *Pityophthorus micrographus* (Linnaeus), *Pityophthorus speculum* Bright, *Polygraphus horjurenensis* Murayama, *Polygraphus japonicus* Nunberg, *Polygraphus polygraphus* (Linnaeus), *Polygraphus proximus* Blandford,

Scolytoplatypus daimio Blandford, *Scolytoplatypus shogun* Blandford, *Scolytoplatypus tycon* Blandford, *Trypodendron lineatum* (Olivier), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus aquilus* Blandford, *Xylechinus pilosus* (Ratzeburg).

Abies veitchii

Cryphalus sawadai Nobuchi & Takahashi, *Polygraphus fulvipennis* Niisima.

Abies webbiana

Cryphalus strohmeyeri Stebbing, *Crypturgus beesoni* Eggers, *Dryocoetes indicus* Stebbing, *Dryocoetes quadrisulcatus* Strohmeier, *Hylastes brunneus* Erichson, *Ips stebbingi* Strohmeier, *Pityophthorus deodara* (Stebbing), *Pityophthorus elatinus* Wood, *Polygraphus aterrimus* Strohmeier, *Polygraphus pini* Stebbing, *Scolytoplatypus raja* Blandford.

Abrus precatorius

Hypothenemus eruditus Westwood.

Abutilon mollissimum

Hypothenemus crudiae (Panzer), *Hypothenemus eruditus* Westwood.

***Abutilon* spp.**

Xylosandrus compactus (Eichhoff).

Acacia auriculaeformis

Hypothenemus dimorphus (Schedl).

Acacia catechu

Euwallacea andamanensis (Blandford), *Hypothenemus acaciae* (Eggers), *Platypus solidus* Walker.

Acacia cavenia

Chramesus spinosus Brethes.

Acacia decurrens

Crossotarsus horni Schedl, *Crossotarsus squamulatus* Chapuis, *Doliopygus excavatus* (Sampson), *Glostatus acaciae* (Schedl), *Hypothenemus eruditus* Westwood, *Platypus carinifrons* Schedl, *Platypus solidus* Walker, *Platypus solutus* Schedl, *Scolytoplatypus nitidus* Eggers, *Scolytoplatypus raja* Blandford, *Xyleborus alluaudi* Schaufuss, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus principalis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky), *Zygophloeus australis* Schedl.

Acacia dudgeoni

Doliopygus terebrans Schedl, *Xyleborinus similans* (Eggers).

Acacia farnesiana

Hypothenemus brunneus (Hopkins), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff).

Acacia karroo

Xyleborinus aemulus (Wollaston).

Acacia koa

Crossotarsus externedentatus (Fairmaire), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus spinulosus* Blandford.

Acacia lahai

Doliopygus ghesquieri (Schedl), *Doliopygus lefevrei* Schedl, *Doliopygus opifex* (Sampson).

Acacia melanoxylon

Xyleborus affinis Eichhoff.

Acacia mollissima

Chaetastus montanus Schedl, *Scolytoplatypus eichelbaumi* Hagedorn, *Xyleborus atratus* Eichhoff, *Xyleborus clerodendronae* Schedl.

Acacia nigra

Araptus sparsepunctatus (Schedl), *Cnesinus dividuus* Schedl, *Cryptocarenum acaciae* Schedl.

Acacia pennata

Coccotrypes longior (Eggers), *Coccotrypes nubilus* (Blandford), *Euwallacea xanthopus* (Eichhoff), *Rhopalopsclion acaciae* (Schedl), *Xyleborus ficus* Eggers, *Xyleborus piccus* (Motschulsky).

Acacia pennatula

Cnesinus adusticus Wood, *Cnesinus setulosus* Blandford, *Hylocurus atkinsoni* Wood, *Hypothenemus setosus* (Eichhoff), *Microcorthylus minimus* Schedl, *Pseudothysanoes contrarius* Wood.

Acacia podalyriaefolia

Xyleborinus mimosae (Schedl).

Acacia polyphylla

Xyleborus spinulosus Blandford.

Acacia raddiana

Hypothenemus matcui (Schedl).

Acacia sieberiana

Hypothenemus biseriatus (Eggers), *Rhopalopsclion maculatus* (Schedl).

Acacia spp.

Acacacis abundans Lea, *Ambrosiodmus aegir* (Eggers), *Ambrosiodmus albizzianus* (Schedl), *Ambrosiodmus camphorae* (Hagedorn), *Ambrosiodmus eichhoffi* (Schreiner), *Ambrosiodmus hagedorni* (Iglesias), *Ambrosiodmus obliquus* (LeConte), *Ambrosiodmus rubricollis* (Eichhoff), *Ambrosiodmus sakoae* (Schedl), *Chramesus acacicolens* Wood, *Chramesus disparilis* Wood, *Chramesus secus* Wood, *Chramesus strigatus* Wood, *Chramesus varius* Wood, *Cladoctonus eggersi* Wichmann, *Cladoctonus natalensis* Eggers, *Cnestus suturalis* (Eggers), *Corthylocurus mexicanus* (Schedl), *Corthylus collaris* Blandford, *Corthylus consimilis* Wood, *Corthylus flagellifer* Blandford, *Cryphalus sylvicola* (Perkins), *Doliopygus interruptus* (Sampson), *Doliopygus lefevrei* Schedl, *Doliopygus subditivus* (Schedl), *Euwallacea fornicatus* (Eichhoff), *Glostatus acaciae* (Schedl), *Hadrodemus amorphus* (Eggers), *Hylesinopsis acacicolens* Wood, *Hylesinopsis striatus* (Schedl), *Hylocurus elegans* Eichhoff, *Hylocurus inaequalis* Wood, *Hylocurus scitulus* Wood, *Hypothenemus agnatus* (Eggers), *Hypothenemus camerinus* (Eggers), *Hypothenemus eruditus* Westwood, *Hypothenemus plumeriae* (Nordlinger), *Phloeotribus acaciae* (Lea), *Pityophthorus volvulus* Schedl, *Platypus furcatus* Blandford, *Platypus omnivorus* (Lea), *Platypus solidus* Walker, *Premnobius cavipennis* Eichhoff, *Pseudothysanoes acacicolens* Wood, *Pseudothysanoes aquilus* (Wood), *Scolytotplatypus kivuensis* Schedl, *Trachyostus schaufusii* (Strohmeyer), *Thysanoes fimbicornis* LeConte, *Thysanoes mexicanus* Wood, *Thysanoes texanus* Blackman, *Xyleborinus collarti* (Eggers), *Xyleborinus spinifer* (Eggers), *Xyloctonus striatus* Eggers, *Xylosandrus compactus* (Eichhoff).

Acacia xanthophloea

Cladoctonus amanicus Eggers, *Hypothenemus xanthophloae* (Schedl), *Lanurgus xanthophloae* Schedl, *Phloeocurus africanus* (Schedl).

Acalypha neptunica

Xyleborus scobinatus Hagedorn.

Acalypha spp.

Ambrosiodmus albizzianus (Schedl), *Hypothenemus adscitus* (Schedl), *Micracis exilis* Wood, *Xyleborus alluaudi* Schaufuss, *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Acanthocephalus cadamba

Ficicis javanus (Eggers), *Platypus labrifrons* Schedl.

Acanthopanax ricinifolium

Ernoporus acanthopanaxi (Niisima).

Acanthopanax spinosum

Philocosinus pulchellus Blandford.

Acanthopanax spp.

Scolytotplatypus mikado Blandford.

Acanthus pubescens

Xyleborus multispinatus Eggers.

Acer argutum

Taphrotychus mikuniyemensis (Murayama).

Acer babinerve

Indocryphalus aceris (Niisima).

Acer caesium

Scolytotplatypus darjeelingi Stebbing, *Scolytotplatypus sionio* Blandford.

Acer campbellii

Euwallacea velatus (Sampson), *Platypus darjeelingensis* Schedl, *Platypus falcatus* Strohmeyer, *Platypus shillonensis* Schedl, *Scolytotplatypus pubescens* Hagedorn.

Acer campestre

Lymanator aceris (Lindemann), *Lymanator coryli* (Perris).

Acer macrophyllum

Procryphalus utahensis Hopkins.

Acer mandshuricum

Indocryphalus aceris (Niisima).

Acer mayrii

Dryocoetes picipennis Eggers.

Acer mono

Crossotarsus niponicus Blandford, *Indocryphalus aceris* (Niisima), *Neopteleobius scutulatus* (Blandford), *Platypus severini* Blandford.

Acer palmatum

Crossotarsus niponicus Blandford, *Platypus modestus* Blandford, *Xyleborus atratus* Eichhoff, *Xyleborus prae-vius* Blandford.

Acer palmatum matsumurae

Crossotarsus niponicus Blandford.

Acer pictum

Dryocoetes aceris Krivolutsкая, *Hyorrhynchus lewisi* Blandford, *Indocryphalus aceris* (Niisima).

Acer platanoides

Lymanator aceris (Lindemann), *Lymanator coryli* (Perris).

Acer pseudoplatanus

Lymanator aceris (Lindemann).

Acer pseudosieboldianum

Indocryphalus aceris (Niisima).

Acer rubrum

Corthylus columbianus Hopkins, *Hypothenemus dissimilis* (Zimmermann), *Hypothenemus interstitialis* (Hopkins), *Thysanoes fimbicornis* LeConte, *Lymanator decipiens* (LeConte), *Monarthrum fasciatum* (Say), *Monarthrum mali* (Fitch), *Trischidias atomus* (Hopkins), *Xyleborus ferrugineus* (Fabricius), *Xylosandrus zimmermanni* (Hopkins).

Acer rufinerve

Xyleborus aquilus Blandford, *Xyleborus seriatus* Blandford.

Acer saccharinum

Corthylus columbianus Hopkins, *Corthylus punctatissimus* (Zimmermann), *Lymanator decipiens* (LeConte), *Pityophthorus lautus* Eichhoff.

Acer spp.

Amasa amputatus (Blandford), *Ambrosiodmus lewisi* (Blandford), *Ambrosiodmus tachygraphus* (Zimmer-

- manni, *Dryocoetes padii* Stark, *Dryocoetes ussuriensis* Eggers, *Eucallacea validus* (Eichhoff), *Hylocurus torosus* Wood, *Lymantria decipiens* (LeConte), *Platypus korjovensis* (Murayama), *Scolytobius dainio* Blandford, *Scolytobius mikado* Blandford, *Scolytobius shogun* Blandford, *Scolytobius tycon* Blandford, *Scolytus belokanicus* Stark, *Scolytus koenigi* Scheyrew, *Scolytus laevis* Chapuis, *Taphrozygus lenkorani* Reitter, *Trypodendron domesticum* (Linnaeus), *Trypodendron signatum* (Fabricius), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus maiche* (Stark), *Xyleborus obesus* LeConte, *Xyleborus orientalis* Eggers, *Xyleborus sayi* (Hopkins), *Xyleborus pelliculosus* Eichhoff, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus compactus* (Eichhoff), *Xylosandrus germanus* (Blandford), *Xylosandrus mutilatus* (Blandford), *Xyloterinus politus* (Say).
- Acer tataricum**
Lymantria aceris (Lindemann).
- Acer tegmentosum**
Indocryphalus aceris (Niisima).
- Acer turkestanicum**
Scolytus tadzhikistanicus Stark.
- Acer ukuruduense**
Indocryphalus aceris (Niisima).
- Achras sapota**
Chaetophloeus insularis (Blackman), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus crudiae* (Panzer), *Hypothenemus hirsutus* (Wood), *Hypothenemus seriatus* (Eichhoff), *Micracisella nanula* (LeConte), *Scolytomimus pusillus* (Eggers), *Xyleborus fallax* Eichhoff, *Xyleborus perforans* (Wollaston).
- Acmena spp.**
Diapys bilunatus Schedl, *Diapys quinquespinitus* Chapuis, *Diapys robustus* Schedl.
- Aconitum stoerkianum**
Thamurgus petzi Reitter.
- Acridocarpus fraxinifolius**
Doliopygus excavatus (Sampson).
- Acridocarpus spp.**
Ambrosiodmus albizzianus (Schedl), *Ambrosiodmus eichhoffi* (Schreiner), *Platypus madagascariensis* Chapuis.
- Acrocarpus fraxinifolius**
Ambrosiodmus eichhoffi (Schreiner), *Doliopygus erichsoni* (Chapuis), *Leptoxyleborus sordicauda* (Motschulsky), *Platypus errans* (Sampson), *Platypus solidus* Walker, *Platypus solutus* Schedl, *Xyleborinus forcipatus* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus sphenos* Sampson.
- Acrocarpus spp.**
Cyclorhupidion crucifer (Hagedorn), *Doliopygus coelocephalus* (Schaufuss), *Leptoxyleborus concisus* (Blandford), *Premnobius cavipennis* Eichhoff.
- Acrocomia sclerocarpa**
Hypothenemus seriatus (Eichhoff).
- Actinodaphne acuminata**
Xyleborus volutus (Fabricius).
- Actinodaphne lancifolia**
Platypus calamus Blandford.
- Actinodaphne longifolia**
Phloeosinus kiushuensis Murayama, *Phloeosinus lewisi* Chapuis.
- Actinophora fragrans**
Coptodryas nugax (Schedl), *Platypus biuncus* Blandford, *Platypus forficula* Chapuis, *Xyleborinus andrewesi* (Blandford), *Xylosandrus morigerus* (Blandford).
- Adenanthera microsperma**
Hypothenemus eruditus Westwood.
- Adenanthera pavonina**
Arixyleborus suturalis (Eggers), *Eccoptopterus limbus* Sampson, *Hypothenemus birmanus* (Eichhoff), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Xyleborus perforans* (Wollaston), *Xylosandrus ater* (Eggers), *Xylosandrus compactus* (Eichhoff), *Xylosandrus manicus* (Blandford), *Xylosandrus morigerus* (Blandford).
- Adenia cisampeloides**
Xylocleptes adeniae (Schedl).
- Adina cordifolia**
Crossotarsus externedentatus (Fairmaire), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.
- Adina rubescens**
Xyleborus javanus Eggers, *Xylosandrus crassiusculus* (Motschulsky).
- Adina rubrostipulata**
Platypus inpressus (Strohmeyer), *Xyleborus alluaudi* Schauffuss, *Xyleborus principalis* Eichhoff.
- Adina spp.**
Platypus solidus Walker, *Platypus suffodiens* Sampson.
- Adinandra dumosa**
Eucallacea xanthopus (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).
- Adinobotrys atropurpureus**
Platypus lepidus Chapuis, *Xylosandrus crassiusculus* (Motschulsky).
- Aegle marmelos**
Xyleborinus andrewesi (Blandford), *Xyleborus adusticollis* (Motschulsky), *Xyleborus similis* Ferrari.
- Aerca sanguinolenta**
Xyleborus piceus (Motschulsky).
- Aesculus punduana**
Coccotrypes cyperi (Beeson), *Coccotrypes vulgaris* (Eggers), *Platypus secretus* Sampson.
- Aesculus spp.**
Hypothenemus eruditus Westwood, *Hypothenemus interstitialis* (Hopkins), *Scolytobius tycon* Blandford, *Xyleborus dispar* (Fabricius).
- Aesculus turbinata**
Crossotarsus niponicus Blandford, *Indocryphalus dainichiensis* (Murayama), *Platypus calamus* Blandford, *Platypus lewisi* Blandford, *Platypus modestus* Blandford, *Platypus severini* Blandford, *Xyleborus seriatus* Blandford.
- Afrormosia elata**
Chaetastus tuberculatus (Chapuis), *Cyrtogenius chlorophorae* (Schedl), *Doliopygus artemisatus* (Schedl), *Doliopygus conradti* (Schauffuss), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus spectabilis* Schedl, *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus eruditus* Westwood, *Platypus hintzi* Schauffuss, *Platypus solutus* Schedl, *Platypus spinulosus* (Strohmeyer), *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Trachyostus aterrimus* (Schauffuss), *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborus alluaudi* Schauffuss, *Xyleborus ferrugineus* (Fabricius).
- Afrostryx lepidophyllus**
Doliopygus erichsoni (Chapuis), *Doliopygus interjectus*

Schedl, *Doliopygus rapax* (Sampson), *Euwallacea granosus* (Schedl), *Periommatius subrobustus* Schedl.

Afzelia africana

Doliopygus brevis (Strohmeyer), *Doliopygus opifex* (Sampson), *Doliopygus perbrevis* Schedl, *Pityophthorus congonus* Eggers, *Trachyostus aterrinus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer).

Afzelia bakeri

Platypus westwoodi Chapuis, *Xyleborus bidentatus* (Motschulsky), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Afzelia bella

Doliopygus conradti (Strohmeyer), *Doliopygus crichsoni* (Chapuis), *Doliopygus subditicus* (Schedl), *Hypothenemus marshalli* (Eggers), *Hypothenemus morigerus* (Schedl), *Platypus hintzi* Schaufuss, *Polygraphus afzeliae* Schedl, *Polygraphus carphoboroides* Eggers, *Xyleborus alluaudi* Schaufuss, *Xyleborus ustus* Schedl.

Afzelia bijuga

Cryphalus scabricollis Eichhoff, *Diapys pusillimus* Chapuis, *Ernoporus dispar* (Schedl), *Platypus jansoni* Chapuis, *Xyleborus bidentatus* (Motschulsky).

Afzelia bipindensis

Doliopygus chapuisi (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus rapax* (Sampson), *Doliopygus tenuis* (Strohmeyer), *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

Afzelia cuanzensis

Triozastrus marshalli (Sampson).

Afzelia palembanica

Crossotarsus externidentatus (Fairmaire), *Crossotarsus fractus* Sampson, *Crossotarsus inermis* Schedl, *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Diapys pusillimus* Chapuis, *Diapys quinquespinatus* Chapuis, *Euwallacea destruens* (Blandford), *Euwallacea fornicatus* (Eichhoff), *Hadrodenius globus* (Blandford), *Leptoxyleborus concisus* (Blandford), *Leptoxyleborus puer* (Eggers), *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Platypus lunifer* Schedl, *Platypus pseudocurtus* Schedl, *Platypus solidus* Walker, *Platypus westwoodi* Chapuis, *Xyleborus birmanus* Eggers, *Xyleborus emarginatus* Eichhoff, *Xyleborus fallax* Eichhoff, *Xyleborus latus* Eggers, *Xyleborus perforans* (Wollaston), *Xylosandrus morigerus* (Blandford).

Afzelia spp.

Cylindropalpus camerunus (Schedl), *Platypus selysi* Chapuis.

Afzelia xylocarpa

Platypus afzeliae Browne.

Agatha vitiensis

Cyrtogenius fijianus (Schedl).

Agathis alba

Cyrtogenius perakensis (Schedl), *Diapys papuanus* Schedl, *Diapys pusillimus* Chapuis, *Diapys quinquespinatus* Chapuis, *Hypothenemus eruditus* Westwood, *Platypus cupulatus* Chapuis, *Platypus grumosus* Roberts & Morimoto, *Xyleborus multipunctulus* Browne.

Agathis borneensis

Xyleborus apertus Schedl, *Xyleborus eximius* Schedl.

Agathis dammara

Cyrtogenius perakensis (Schedl).

Agathis palmerstonii

Xyleborus perforans (Wollaston).

Agathis spp.

Platypus agathis Browne, *Xyleborus agathis* Browne, *Xyleborus bidentatus* (Motschulsky).

Agathis vitiensis

Platypus vitiensis Roberts.

Agave sisalana

Platypus cupulatus Chapuis, *Platypus pseudocupulatus* Schedl.

Agave spp.

Chramesus annectens (Wood), *Platypus cupulatus* Chapuis, *Platypus pseudocupulatus* Schedl, *Xyleborus perforans* (Wollaston).

Aglaia spp.

Crossotarsus aurcipilus Roberts, *Crossotarsus corrugatus* Roberts, *Crossotarsus inermis* Schedl, *Crossotarsus subopacus* Schedl, *Crossotarsus terminatus* Chapuis, *Platypus anguis* Browne, *Platypus subpronus* Schedl, *Xyleborus aglaiae* Browne.

Ailanthus altissima

Ambrosiodinus lewisi (Blandford), *Hypothenemus eruditus* Westwood, *Xylosandrus discolor* (Blandford).

Alatonia spatulata

Acanthotomicus onerosus (Schedl).

Albizzia adianthifolia

Ambrosiodinus tropicus (Hagedorn), *Doliopygus chapuisi* (Duvivier), *Eccoptopterus spinosus* (Olivier), *Premnobius cavipennis* Eichhoff, *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus similans* (Eggers), *Xyleborus subtuberculatus* Eggers.

Albizzia caribaea

Hypothenemus suspectus Wood.

Albizzia chinensis

Euwallacea xanthopus (Eichhoff), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

Albizzia coriaria

Acanthotomicus sexdentatus (Eggers), *Doliopygus chapuisi* (Duvivier), *Platypus parallelus* (Fabricius).

Albizzia falcata

Ambrosiodinus wilderi (Beeson), *Crossotarsus wallacei* (Thomson), *Diapys pusillimus* Chapuis, *Euwallacea fornicatus* (Eichhoff), *Platypus biuncus* Blandford, *Platypus cupulatus* Chapuis, *Platypus insularis* Strohmeyer, *Platypus insulindicus* Schedl, *Platypus subangustior* Schedl, *Platypus subsilinus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus perforans* (Wollaston), *Xylosandrus morigerus* (Blandford).

Albizzia ferruginea

Doliopygus chapuisi (Duvivier), *Doliopygus exilis* (Chapuis), *Trachyostus aterrinus* (Schaufuss), *Triozastrus banghaasi* (Schaufuss), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus subtuberculatus* Eggers, *Xyleborus volvidus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Albizzia glaberrima

Chaetastus tuberculatus (Chapuis), *Cryphalus nigericus* Browne, *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus excavatus* (Sampson), *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky).

Albizzia grandibracteata

Doliopygus chapuisi (Duvivier), *Hypothenemus eruditus* Westwood, *Rhopalopselion congonum* (Schedl).

Albizzia gummifera

Acanthotomicus acuminatus (Schedl), *Acanthotomicus hircinus* (Schedl), *Ambrosiodmus albizzianus* (Schedl), *Ambrosiodmus bostrichoides* (Schedl), *Chaetastus montanus* Schedl, *Chaetastus tuberculatus* (Chapuis), *Coptoborus adjunctus* (Eggers), *Cylindropalpus punilio* (Schedl), *Doliopygus artespiniatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Dryococtoides cristatus* (Fabricius), *Eccoptopterus spinosus* (Olivier), *Hylesinopsis seriatus* (Eggers), *Hypothenemus eruditus* Westwood, *Hypothenemus solitarius* (Schedl), *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Pityophthorus congonus* Eggers, *Pityophthorus kicuensis* Schedl, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Platypus schenklingi* (Strohmeyer), *Polygraphus coronatus* Eggers, *Premnobius corthyloides* Hagedorn, *Premnobius quadrispinosus* Schedl, *Rhopalopselion suturalis* (Schedl), *Theoborus ricini* (Eggers), *Tiarophorus elongatus* Schreiner, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus ambasiculus* Eggers, *Xyleborus annexens* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus multispinatus* Eggers, *Xyleborus piceus* (Motschulsky), *Xyleborus sub-tuberculatus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus cylindrotomicus* (Schedl).

Albizzia julibrissin

Xyleborus atratus Eichhoff, *Xyleborus volvulus* (Fabricius).

Albizzia lebbek

Ambrosiodmus lantanae (Eggers), *Ambrosiodmus subnepotulus* (Eggers), *Arixyleborus malayensis* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus squamulatus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Hypothenemus eruditus* Westwood, *Xyleborinus andrewesi* (Blandford), *Xyleborus affinis* Eichhoff, *Xyleborus perforans* (Wollaston), *Xyleborus volvulus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

Albizzia lebbekioides

Hypothenemus brunneus (Hopkins), *Hypothenemus eruditus* Westwood.

Albizzia lucida

Platypus cavus Strohmeyer, *Xyleborus perforans* (Wollaston).

Albizzia macrocarpa

Pseudothysanoces murilloi (Blackman).

Albizzia maranguensis

Doliopygus nitens Browne.

Albizzia moluccana

Coptodryas elegans (Sampson), *Eucallacea bicolor* (Blandford), *Eucallacea fornicatus* (Eichhoff), *Platypus insulindicus* Schedl, *Platypus subangustior* Schedl, *Platypus subsimilis* Schedl, *Xyleborus haberkorni* Eggers, *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky).

Albizzia odoratissima

Eucallacea fornicatus (Eichhoff), *Xyleborus perforans* (Wollaston).

Albizzia procera

Crossotarsus fractus Sampson, *Xylosandrus morigerus* (Blandford).

Albizzia sekibalaruguma

Cyclorhipidion sulcipenne (Eggers).

Albizzia spp.

Ambrosiodmus eichhoffi (Schreiner), *Ambrosiodmus facetus* (Schedl), *Ambrosiodmus obliquus* (LeConte), *Ambrosiodmus tropicus* (Hagedorn), *Cnestus magnus* Sampson, *Cyclorhipidion crucifer* (Hagedorn), *Cyclorhipidion crucipenne* (Schedl), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus excavatus* (Sampson), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus propinquus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Eucallacea xanthopus* (Eichhoff), *Hylesinopsis seriatus* (Eggers), *Hypothenemus biseriatus* (Eggers), *Hypothenemus camerunus* (Eggers), *Leptoxyleborus concisus* (Blandford), *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Platypus biuncus* Blandford, *Platypus cavus* Strohmeyer, *Platypus geminatus* Chapuis, *Platypus hintzi* Schaufuss, *Platypus insularis* Strohmeyer, *Platypus jansoni* Chapuis, *Platypus lunifer* Schedl, *Platypus orientalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Platypus secretus* Sampson, *Platypus solidus* Walker, *Platypus uncinatus* Blandford, *Premnobius ambitiosus* (Schaufuss), *Premnobius catipennis* Eichhoff, *Premnobius sex-spinosus* Eggers, *Rhopalopselion rufus* (Schedl), *Scolytoplatus armatus* Eggers, *Scolytoplatus eichelbaumi* Hagedorn, *Trachyostus fecundus* (Sampson), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus andrewesi* (Blandford), *Xyleborinus heveae* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus clerodendronae* Schedl, *Xyleborus insignis* Browne, *Xyleborus sphenos* Sampson, *Xyleborus spinulosus* Blandford, *Xyleborus volvulus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus morigerus* (Blandford), *Xylosandrus mutilatus* (Blandford).

Albizzia stipulata

Coptodryas recidens (Sampson), *Cryphalus scabricollis* Eichhoff, *Platypus lepidus* Chapuis, *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky).

Albizzia sumatrana

Crossotarsus javanus Beeson, *Eucallacea fornicatus* (Eichhoff).

Albizzia warneckei

Doliopygus coelocephalus (Schaufuss), *Doliopygus exilis* (Chapuis).

Albizzia welwitschii

Doliopygus chapuisi (Duvivier), *Platypus hintzi* Schaufuss, *Xyleborus volvulus* (Fabricius).

Albizzia zygia

Chaetastus tuberculatus (Chapuis), *Cyclorhipidion psaltes* (Schedl), *Doliopygus brevis* (Strohmeyer), *Doliopygus chapuisi* (Duvivier), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus excavatus* (Sampson), *Doliopygus exilis* (Chapuis), *Doliopygus*

gracilior Schedl, *Doliopygus opifex* (Sampson), *Doliopygus perbrevis* Schedl, *Doliopygus perminutissimus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Eccoptypterus spinosus* (Olivier), *Periommatius bispinus* Strohmeyer, *Periommatius nikusii* Strohmeyer, *Periommatius substriatus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Scolyto-platypus africanus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Triozastus banghaasi* (Schaufuss), *Triozastus elongatus* Schedl, *Xyleborinus sharpa* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus eichhoffianus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus voluculus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

Alchornea cordifolia

Cyclorhipidion agnaticeps (Schedl), *Xyleborus ruandae* Schedl.

Alchornea coriacea

Ambrosiodmus camphorae (Hagedorn), *Ambrosiodmus innominatus* (Schedl), *Xyleborinus signatipennis* (Schedl), *Xyleborus alluaudi* Schaufuss.

Alchornea hirtella

Doliopygus bidentatus (Strohmeyer), *Mimiocurus montanus* (Schedl), *Polygraphus tenuipennis* Schedl, *Premnobius mukunyeae* (Schedl), *Xyleborinus similans* (Eggers), *Xyleborus comparabilis* Schedl, *Xyleborus tenellus* Schedl, *Xyleborus truncatulus* Schedl.

***Alchornea* spp.**

Scolytoplatypus kivuensis Schedl, *Xyleborus bezanosano* Schedl.

Aleurites fordii

Eucallacea xanthopus (Eichhoff), *Hypothenemus seriatus* (Eichhoff).

Aleurites moluccana

Crossotarsus externedentatus (Fairmaire), *Platypus pseudocupulatus* Schedl, *Platypus selysi* Chapuis, *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus rugatus* Blackburn, *Xyleborus whitteni* Beeson.

***Aleurites* spp.**

Eucallacea fornicatus (Eichhoff), *Xylosandrus compactus* (Eichhoff).

Alexa imperitricia

Dryocoetoides cristatus (Fabricius), *Monarthrum dimidiatum* (Ferrari), *Monarthrum exornatum* (Schedl), *Monarthrum proximum* Wood, *Taurodemus flavipes* (Fabricius), *Xyleborinus intersetosus* (Blandford), *Xyleborus affinis* Eichhoff, *Xyleborus semipunctatus* Eggers.

Alibertia edulis

Premnobius cavipennis Eichhoff.

Allanblackia floribunda

Phrixosoma fuscovillosa (Schedl), *Polygraphus longipilis* Schedl.

Allanblackia parvifolia

Doliopygus serratus (Strohmeyer), *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff.

***Allanblackia* spp.**

Premnobius cavipennis Eichhoff.

Allanblackia stuhlmannii

Conoxylon flavescens Hagedorn.

Allogogus brunneus

Doliopygus galerus (Schedl).

Allophyllus africanus

Doliopygus jurioni Schedl, *Eucallacea granosus* (Schedl), *Premnobius nodulosus* Hagedorn.

Allophyllus cobbe

Eucallacea fornicatus (Eichhoff).

Allophyllus kivuensis

Eucallacea xanthopus (Eichhoff), *Platypus impressus* (Strohmeyer), *Platypus solutus* Schedl, *Scolytoplatypus armatus* Eggers, *Xyleborus piceus* (Motschulsky), *Xyleborus principalis* Eichhoff.

Allophyllus macrocarpus

Xyleborinus spiculatus (Schaufuss), *Xyleborinus spinosus* (Schaufuss), *Xyleborus alluaudi* Schaufuss.

Alluaudia pourri

Xyleborus pourriensis Schedl.

Alluaudia procera

Xyleborus submolestus Schedl.

Alniphyllum fortunei

Xyleborus atratus Eichhoff.

Alnus acuminata

Platypus coronatus Schedl, *Scolytodes alni* Wood.

Alnus crispa

Trypophloeus striatulus (Mannerheim).

Alnus firma

Cryphalus kyotocensis Nobuchi.

Alnus firmifolia

Gnathotrichus alniphagus Wood.

Alnus fruticosa

Alniphagus alni (Niisima), *Dryocoetes ussuriensis* Eggers, *Ernoporius longus* (Eggers).

Alnus glutinosa

Dryocoetes alni (Georg), *Dryocoetes villosus* (Fabricius), *Taphrorychus alni* Pfeffer, *Trypodendron domesticum* (Linnaeus), *Trypophloeus alni* (Lindemann).

Alnus hepalensis

Xyleborus lineatus Eggers.

Alnus hirsuta

Alniphagus alni (Niisima), *Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus hirsuta* (Eichhoff), *Platypus severini* Blandford, *Trypodendron niponicum* Blandford, *Trypodendron signatum* (Fabricius), *Xyleborus atratus* Eichhoff.

Alnus incana

Alniphagus alni (Niisima), *Dryocoetes alni* (Georg), *Trypophloeus alni* (Lindemann).

Alnus japonica

Ambrosiodmus apicalis (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Crossotarsus niponicus* Blandford, *Neopteleobius scutulatus* (Blandford), *Platypus severini* Blandford, *Xyleborinus saxseni* (Ratzeburg), *Xyleborus atratus* Eichhoff, *Xyleborus seiryorensis* Murayama.

Alnus kamtschatica

Ernoporius longus (Eggers).

Alnus maximowiczii

Ernoporius longus (Eggers).

Alnus nepalensis

Diapus quadrispinatus Chapuis, *Diapus quinquespinatus* Chapuis, *Platypus falcatus* Strohmeyer, *Scolytoplatypus darjeelingi* Stebbing, *Scolytoplatypus pubescens* Hagedorn.

Alnus nitida

Cryphalus fulmineus Wood, *Diapus aculeatus* Blandford, *Platypus falcatus* Strohmeyer, *Scolytoplatypus minimus* Hagedorn.

Alnus rhombifolia

Alniphagus aspericollis (LeConte).

Alnus rubra

Alniphagus aspericollis (LeConte).

Alnus rugosa*Trypophloeus striatulus* (Mannerheim).***Alnus sibirica****Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Cryphalus furukawai* Murayama.***Alnus sinuata****Alniphagus hirsutus* Schedl.***Alnus* spp.**

Ambrosiodmus lewisi (Blandford), *Carphotoreus alni* (Bright), *Corthylus abbreviatus* Eichhoff, *Corthylus comatus* Blandford, *Corthylus concavus* Bright, *Corthylus diligens* Wood, *Corthylus villus* Bright, *Cryphalus alni* Krivolutskaya, *Dryocoetes padi* Stark, *Gnathotrichus retusus* (LeConte), *Gymnochilus alni* Wood, *Hylcucus hirtellus* (LeConte), *Monarthrum bidentatum* Wood, *Monarthrum hoegei* (Blandford), *Monarthrum laterale* (Eichhoff), *Monarthrum umbrinum* (Blandford), *Pityophthorus alni* Blackman, *Pityophthorus abnicolens* Wood, *Platypus otiosus* Schedl, *Platypus simulans* Schedl, *Scolytus platypus daimio* Blandford, *Scolytus platypus mikado* Blandford, *Scolytus platypus tycon* Blandford, *Scolytus laevis* Chapuis, *Tesseroecerus spinolae* Chapuis, *Trypodendron gainadensis* (Murayama), *Trypophloeus salicis* Hopkins, *Xyleborinus alni* (Nisima), *Xyleborus atratus* Eichhoff, *Xyleborus dispar* (Fabricius), *Xyleborus maiche* (Stark), *Xyleborus pfeili* (Ratzeburg), *Xyleborus seriatus* Blandford, *Xyleborus titubanter* Schedl, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus germanus* (Blandford), *Xyloterinus politus* (Say).

Alnus suaveolens*Trypophloeus rybinskii* Reitter.***Alnus tenuifolia****Alniphagus aspericollis* (LeConte), *Alniphagus hirsutus* Schedl.***Alnus tiliaefolia****Scolytus platypus darjeelingi* Stebbing.***Alnus tinctoria glabra****Xyleborus atratus* Eichhoff.***Alnus viridis****Dryocoetes alni* (Georg), *Trypophloeus rybinskii* Reitter.***Aloe vera****Hypothenemus californicus* Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood.***Alphitonia excelsa****Hypothenemus mclanous* (Lea).***Alphitonia petriei****Amasa truncatus* (Erichson), *Platypus queenslandi* Schedl, *Xyleborus similis* Ferrari.***Alphitonia* spp.***Diapus nebulosus* Roberts, *Hyledius nitidicollis* (Motschulsky).***Alphonsea ventricosa****Platypus cavus* Strohmeier, *Platypus hybridus* Schedl, *Platypus indicus* Strohmeier, *Platypus secretus* Sampson.***Alstonia angustifolia****Amasa versicolor* (Sampson).***Alstonia boonei****Ambrosiodmus aegir* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Cyclorhipidion crucipenne* (Schedl), *Doliopygus carapae* Schedl, *Doliopygus jurioni* Schedl, *Platypus hintzi* Schaufuss, *Triozastus marshalli* (Sampson), *Xyleborus consobrinus* Eggers.***Alstonia congensis****Chaetastus tuberculatus* (Chapuis), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus**erichsoni* (Chapuis), *Doliopygus lebruni* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeier), *Doliopygus unicornis* Schedl, *Perionmatus grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeier), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus colvulus* (Fabricius).***Alstonia scholaris****Crossotarsus externedentatus* (Fairmaire), *Platypus advena* Schedl, *Platypus jansoni* Chapuis.***Alstonia* spp.***Amasa versicolor* (Sampson), *Eccoptopterus spinosus* (Olivier), *Eucallacea andamanensis* (Blandford), *Perionmatus grandis* Schedl, *Platypus cupulatus* Chapuis, *Platypus insulindicus* Schedl, *Platypus pseudocupulatus* Schedl, *Trachyostus aterrimus* (Schaufuss), *Xyleborus minutus* Blandford, *Xylosandrus crassiusculus* (Motschulsky).***Althoffia* spp.***Platypus jansoni* Chapuis, *Platypus solidus* Walker.***Altingia excelsa****Cnestus bicornis* (Eggers), *Diapus pusillimus* Chapuis, *Xyleborus mucronatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).***Amelanchier oralis****Scolytus amygdali* Guerin-Meneville.***Amelanchier* spp.***Chaetophloeus heterodoxus* (Casey), *Pseudopityophthorus minutissimus* (Zimmermann), *Scolytus rugulosus* (Muller).***Amerimonon brownei****Cnecinus strigicollis* LeConte.***Amherstia nobilis****Hypothenemus eruditus* Westwood.***Amomum* spp.***Xylosandrus morigerus* (Blandford).***Amoora rohataka****Coccotrypes vulgaris* (Eggers), *Crossotarsus squamulatus* Chapuis, *Platypus cavus* Strohmeier, *Platypus lepidus* Chapuis, *Xylosandrus difficilis* (Eggers).***Amoora spectabilis****Coccotrypes longior* (Eggers), *Platypus hamaticollis* Schedl.***Amoora* spp.***Platypus acetabuliformis* Roberts, *Platypus hippocrepi-cus* Roberts, *Platypus luniger* Motschulsky, *Xylosandrus crassiusculus* (Motschulsky).***Amoora wallichii****Coccotrypes cyperi* (Beeson), *Coccotrypes salakensis* (Schedl), *Ambrosiodmus lewisi* (Blandford), *Eucallacea wallacei* (Blandford), *Leptoxyleborus concisus* (Blandford), *Platypus curtatus* Sampson, *Scolytus platypus pubescens* Hagedorn, *Xyleborinus subgranulatus* (Eggers), *Xyleborus shoreae* (Stebbing).***Amphimas ferrugineus****Acanthotomicus sexdentatus* (Eggers), *Doliopygus chapuisi* (Duvivier), *Doliopygus serratus* (Strohmeier), *Platypus parallelus* (Fabricius), *Xyleborus colvulus* (Fabricius).***Amphimas pterocarpoides****Doliopygus unicornis* Schedl, *Mesoplatypus venustus* Schedl.***Amygdalus communis****Scolytus amygdali* Guerin-Meneville.

Amyris balsamifera

Pseudothysanoes securigerus (Blackman).

Anacardium excelsum

Xyleborus volutus (Fabricius).

Anacardium occidentale

Crossotarsus minax (Walker), *Eccoptopterus spinosus* (Olivier), *Hypothenemus macrolobii* (Eggers), *Xyleborinus andrewesi* (Blandford), *Xyleborinus perexiguus* (Schedl), *Xyleborus perforans* (Wollaston), *Xylosandrus manicus* (Blandford).

Anacardium spp.

Xyleborinus andrewesi (Blandford), *Xylosandrus compactus* (Eichhoff).

Anagyris foetida

Liparthrum genistae (Aube).

Andira jamaicensis

Xyleborus ferrugineus (Fabricius).

Andira spp.

Xylosandrus compactus (Eichhoff).

Andropogon spp.

Hypothenemus pubescens Hopkins.

Angophora costata

Xyleborus perforans (Wollaston).

Angylocalyx pynaertii

Acanthotomicus angylocalyx (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus artispinatus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lecontei* Schedl, *Doliopygus medius* Schedl, *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus unicornis* Schedl, *Hypothenemus eruditus* Westwood, *Periommatous excisus* Strohmeyer, *Periommatous grandis* Schedl, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus pilosellus* (Schedl), *Xyleborus alluaudi* Schauffuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Aningeria altissima

Cylindropalpus affinis Strohmeyer, *Periommatous grandis* Schedl, *Platypus nebulosus* Roberts.

Aningeria robusta

Chaetastus tuberculatus (Chapuis), *Cylindropalpus affinis* Strohmeyer, *Cylindropalpus granulatus* (Schedl), *Cylindropalpus pumilio* (Schedl), *Doliopygus coelocephalus* (Schauffuss).

Aningeria spp.

Trachyostus aterrimus (Schauffuss).

Anisopappus spp.

Hypothenemus grandis Schedl.

Anisophyllea spp.

Doliopygus bidentatus (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Platypus solutus* Schedl, *Xyleborus alluaudi* Schauffuss.

Anisoptera cochinchinensis

Platypus shoreanus (Beeson).

Anisoptera curtisii

Webbia pabo Sampson.

Anisoptera polyandra

Cyclorhipidion sulcinoides (Schedl), *Genyocerus puer* (Schedl), *Platypus shoreanus* (Beeson), *Platypus strenuus* Schedl.

Anisoptera spp.

Acanthotomicus emarginatus Browne, *Cyrtogenius anisopterae* (Browne), *Diapus nanus* Schedl, *Diapus*

pusillinus Chapuis, *Genyocerus diaphanus* (Schedl), *Genyocerus papuanus* Roberts, *Genyocerus puer* (Schedl), *Platypus jansonii* Chapuis, *Platypus solidus* Walker, *Xyleborus bidentatus* (Motschulsky), *Xyleborus moluccanus* Browne.

Annona cherimolia

Araptus schwarzi (Blackman).

Annona mucosa

Coccotrypes rutschmuisensis Eggers.

Annona spp.

Euwallacea xanthopus (Eichhoff), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus brunneus* (Hopkins), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Xyleborus similis* Ferrari, *Xylosandrus compactus* (Eichhoff).

Annona squamosa

Coccotrypes carpophagus (Homung), *Xyleborus perforans* (Wollaston).

Anogeissus acuminata

Ambrosiodinus lantanae (Eggers), *Coccotrypes mibilus* (Blandford), *Polygraphus anogeissi* Wood, *Sphaerotrypes coimbatorensis* Stebbing, *Xyleborus similis* Ferrari.

Anogeissus latifolia

Platypus solidus Walker, *Platypus uncinatus* Blandford, *Sphaerotrypes coimbatorensis* Stebbing, *Sphaerotrypes globulus* Blandford, *Xyleborus perforans* (Wollaston).

Anogeissus spp.

Ficicis despectus (Walker).

Anonidium mannii

Chaetastus tuberculatus (Chapuis), *Coccotrypes ghesquieri* Eggers, *Coccotrypes sparsepilosus* (Eggers), *Coccotrypes subovalis* Eggers, *Cylindropalpus laudatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus donisi* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatous excisus* Strohmeyer, *Periommatous grandis* Schedl, *Periommatous longicollis* Chapuis, *Periommatous subrobustus* Schedl, *Platypus hintzi* Schauffuss, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus picinus* Schedl, *Platypus schenklingi* (Strohmeyer), *Platypus solutus* Schedl, *Platypus spinulosus* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus ferrugineus* (Fabricius).

Anopyxis klaineana

Cylindropalpus pumilio (Schedl), *Xyleborus affinis* Eichhoff.

Anopyxis spp.

Hypothenemus eruditus Westwood.

Anthocaryon spp.

Premnobius cavipennis Eichhoff.

Anthocephalus cadamba

Dactylipalpus transversus Chapuis, *Euwallacea interjectus* (Blandford), *Platypus anthocephali* Schedl, *Platypus oblique truncatus* Schedl, *Platypus secretus* Sampson, *Platypus solidus* Walker, *Platypus suffodiens* Sampson.

Anthocephalus spp.

Leptoxyleborus concisus (Blandford), *Platypus jansoni* Chapuis, *Platypus solidus* Walker, *Xyleborinus andrewesi* (Blandford).

Anthocleista nobilis

Chaetastus montanus Schedl, *Chaetastus subalpinus* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Doliopygus chapuisi* (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus punctiventris* Schedl, *Hylesinopsis baphiae* (Schedl), *Periommatatus grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Xyleborinus diversus* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius).

Anthonota fragrans

Cylindropalpus auricomans (Schaufuss), *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Anthonota macrocarpa

Hypothenemus socialis (Schedl).

Anthonota macrophylla

Coptoborus usagaricus (Eggers), *Coptoborus forficatus* (Schedl), *Cylindropalpus auricomans* (Schaufuss), *Cylindropalpus granulatus* (Schedl), *Cylindropalpus laudatus* (Schedl), *Doliopygus caesalpiniae* Roberts, *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Polygraphus kasukumbii* Schedl, *Premnobius longus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus gracilipennis* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus amanicus* Hagedorn, *Xyleborus ferrugineus* (Fabricius), *Xyleborus ficus* Eggers, *Xyleborus sub-tuberculatus* Eggers, *Xyleborus volvulus* (Fabricius).

Anthonota micraster

Coptoborus usagaricus (Eggers), *Premnobius longus* Eggers.

Anthonota spp.

Cylindropalpus camerunus (Schedl), *Platypus forcipatus* Schedl.

Anthurium spp.

Xylosandrus compactus (Eichhoff).

Antiaris africana

Chaetastus tuberculatus (Chapuis), *Doliopygus brevis* (Strohmeyer), *Doliopygus conradi* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus nairobiensis* (Schedl), *Doliopygus opifex* (Sampson), *Doliopygus perbrevis* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus tenuis* (Strohmeyer), *Dryocoetoides cristatus* (Fabricius), *Periommatatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Polygraphus coronatus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Triozastus banghaasi* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus pseudoambasius* Schedl, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Antiaris spp.

Diamerus impar Chapuis, *Doliopygus interruptus* (Sampson), *Premnobius cavipennis* Eichhoff, *Trachyostus aterrimus* (Schaufuss).

Antiaris toxicaria

Chaetastus tuberculatus (Chapuis), *Xyleborus emarginatus* Eichhoff.

Antiaris uelwitschii

Chaetastus tuberculatus (Chapuis), *Doliopygus conradi* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus spectabilis* Schedl, *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatatus excisus* Strohmeyer, *Periommatatus grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus volvulus* (Fabricius).

Antidesma petiolare

Euwallacea xanthopus (Eichhoff).

Antidesma spp.

Crossotarsus nnniszechi Chapuis, *Diapys turgidus* Roberts, *Xylosandrus compactus* (Eichhoff).

Antrocaryon micraster

Diapys quinquespinatus Chapuis, *Doliopygus bilobatus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus lefevrei* Schedl, *Hypothenemus eruditus* Westwood, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Premnobius robustulus* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xyleborus caudatus* Schedl, *Xyleborus ferrugineus* (Fabricius).

Antrocaryon nannanii

Xyleborus affinis Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

Aphanamixa rohituka

Eccoptopterus limbus Sampson, *Hadrodemius comans* (Sampson), *Xyleborus perforans* (Wollaston), *Xylosandrus mancus* (Blandford).

Aphananthe aspera

Euwallacea validus (Eichhoff).

Aphananthe sakalava

Platypus madagascariensis Chapuis.

Aphloia theaeformis

Mitosoma excisum Schaufuss.

Apoplanesia paniculata

Chaetophloeus minimus Wood.

Aporosa glohifera

Crossotarsus siva Beeson.

Aporosa spp.

Platypus utilis (Schedl).

Aptandra zenkeri

Doliopygus citri Schedl, *Theoborus ricini* (Eggers), *Xyleborus affinis* Eichhoff.

Apuleia forrea

Spermophthorus apuleiae Costa Lima.

Aralia decaisneana

Xyleborus atratus Eichhoff.

Aralidium pinnatifidum

Arixyleborus leprosululus Schedl, *Eccoptopterus spinosus* (Olivier).

Araucaria angustifolia

Cryptocarenum seriatus Eggers, *Pityophthorus anticus* Schedl, *Platypus araucariae* Schedl, *Tesserocerus guerini* Chapuis, *Xyleborinus sentosus* (Eichhoff), *Xyleborus*

adelographus Eichhoff, *Xylechinosomus contractus* (Chapuis), *Xylechinosomus minimus* Schedl, *Xylechinosomus pilosus* Wood.

Araucaria araucana

Hylurgonotus antipodius (Eggers).

Araucaria bidwillii

Hylurdretonus piniarius Schedl.

Araucaria brasiliana

Araptus araucariae (Schedl), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xylechinosomus brasiliensis* (Schedl), *Xylechinosomus hirsutus* Schedl.

Araucaria cunninghamii

Coptodryas eucalyptica (Schedl), *Cryphalus araucariae* Schedl, *Cryptoxyleborus gracilior* Browne, *Diapus nanus* Schedl, *Diapus papuanus* Schedl, *Euwallacea barbatus* (Hagedorn), *Hyleops glabratus* Schedl, *Hylurdretonus araucariae* Schedl, *Hylurdretonus piniarius* Schedl, *Pachycotes araucariae* Schedl, *Pachycotes australis* Schedl, *Pachycotes clavatus* Schedl, *Pachycotes minor* Wood, *Platypus froggatti* Sampson, *Platypus jansoni* Chapuis, *Platypus opacideclivis* Schedl, *Platypus parallelus* (Fabricius), *Platypus queenslandi* Schedl, *Platypus solidus* Walker, *Platypus varipennis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus gratus* Schedl, *Xyleborus nitellus* Browne, *Xyleborus perforans* (Wollaston), *Xyleborus perplexus* Schedl, *Xyleborus similis* Ferrari, *Xylosandrus pseudosolidus* (Schedl).

Araucaria heterophylla

Pachycotes kuscheli Schedl.

Araucaria hunsteinii

Chaetoptelius impar (Schedl), *Cryphalus brunneus* Browne, *Cryphalus cylindrus* Browne, *Cryphalus diversicolor* Browne, *Diapus quinquespinatus* Chapuis, *Hylurdretonus corticinus* Wood, *Platypus jansoni* Chapuis, *Platypus praepositus* Schedl.

***Araucaria* spp.**

Ambrosiodmus compressus (Lea), *Diapus pusillimus* Chapuis, *Hylurgonotus armaticeps* Schedl, *Hylurgonotus solidus* (Schedl), *Hylurgonotus tuberculatus* (Eggers), *Pachycotes peregrinus* (Chapuis), *Pachycotes villosus* Schedl, *Xylechinosomus valdivianus* (Eggers), *Xylosandrus compactus* (Eichhoff).

Araujia sericifera

Araptus araujiae Brethes.

Arbutus arizonicus

Liparthrum arizonicum Wood.

Arbutus menziesii

Hylocurus hirtellus (LeConte).

***Arbutus* spp.**

Cnesinus elegans Blandford, *Cnesinus elegantis* Wood, *Corthylocorus mexicanus* (Schedl), *Corthylus detrimmentosus* Schedl, *Liparthrum arizonicum* Wood, *Micracisella nitidula* Wood, *Micracisella ocellata* Wood, *Pseudothyssanoes arbuti* (Wood).

Arbutus xalapensis

Cnesinus setulosus Blandford.

Arceuthobium globosum

Pityophthorus arceuthobii Wood.

Archontophoenix alexandrae

Coccotrypes carpophagus (Hornung).

Archontophoenix cunninghamiana

Coccotrypes congonus Eggers.

Ardisia paniculata

Cnesinus strigicollis LeConte, *Hypothenemus birmanus*

(Eichhoff), *Hypothenemus brunneus* (Hopkins), *Hypothenemus hirsutus* (Wood), *Hypothenemus squamosus* (Hopkins).

***Ardisia* spp.**

Corthylus micacirrus Wood, *Platypus crassicornis* Schedl, *Xylosandrus zimmermanni* (Hopkins).

Areca catechu

Coccotrypes carpophagus (Hornung), *Coccotrypes dactyliperda* (Fabricius), *Hypothenemus eruditus* Westwood, *Xyleborus perforans* (Wollaston).

Arenga saccharifera

Coccotrypes magnus Beeson.

***Arenga* spp.**

Platypus pseudocupulatus Schedl, *Xyleborus affinis* Eichhoff.

Argyrodendron peralatum

Platypus australis Chapuis.

***Argyrodendron* spp.**

Ambrosiodmus compressus (Lea), *Platypus semi-granosus* (Sampson), *Xyleborus similis* Ferrari.

Argyrodendron trifoliolatum

Xyleborus perforans (Wollaston).

Argyrodendron trifoliolatum peralatum

Xyleborus perforans (Wollaston).

Aristolochia anguicida

Pityophthorus nemoralis Wood.

***Armanica* spp.**

Cryphalus malus Näsima.

Artemisia argentea

Liparthrum artemisiae Wollaston.

Arthrophyllum diversifolium

Coptodryas nugas (Schedl), *Cryphalus simplex* (Schedl), *Eccoptopterus limbis* Sampson, *Eccoptopterus spinosus* (Olivier), *Euwallacea fornicatus* (Eichhoff), *Euwallacea xanthopus* (Eichhoff), *Platypus pseudocupulatus* Schedl, *Xyleborus perforans* (Wollaston), *Xylosandrus morigerus* (Blandford).

Arthrosamanea altissima

Doliopygus exilis (Chapuis), *Premnobius nodulosus* Hagedorn, *Xyleborus affinis* Eichhoff, *Xyleborus ambasi-usculus* Eggers.

***Artobotrys* spp.**

Coccotrypes subovalis Eggers.

Artocarpus altilis

Cryphalus trypanoides Beeson.

Artocarpus anisophylla

Diamerus interstitialis (Lea).

Artocarpus chaplasha

Coccotrypes salakensis (Schedl), *Diapus quinquespinatus* Chapuis, *Leptoxyleborus concisus* (Blandford), *Platypus verelunatus* (Beeson), *Xyleborus pumilus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Artocarpus dadah

Crossotarsus wallacei (Thomson), *Xyleborinus andreweesi* (Blandford), *Xyleborus haberkorni* Eggers, *Xylosandrus mancus* (Blandford).

Artocarpus diversifolium

Cryphalus artocarpus (Schedl).

Artocarpus elastica

Acanthotomicus artocarpus (Browne), *Coccotrypes cinnamomi* (Eggers), *Coccotrypes marginatus* (Browne), *Crossotarsus terminatus* Chapuis, *Cryphalus artocarpus* (Schedl), *Cryphalus tenuis* Schedl, *Cyclorhipidion polyodon* (Eggers), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Eccoptopterus gracilipes* (Eichhoff), *Euwallacea destruens* (Bland-

ford), *Hypothenemus artocarpi* Browne, *Leptoxyleborus concisus* (Blandford), *Platypus bajulus* Schedl, *Platypus binucus* Blandford, *Platypus forficula* Chapuis, *Platypus jansoni* Chapuis, *Platypus pseudocupulatus* Schedl, *Xyleborus amphicranoides* Hagedorn, *Xyleborus apertus* Schedl, *Xyleborus fallax* Eichhoff, *Xyleborus picus* (Motschulsky), *Xylosandrus difficilis* (Eggers).

Artocarpus fraxinifolius

Coccotrypes vulgaris (Eggers), *Platypus secretus* Sampson.

Artocarpus heterophylla

Hyleidius deterius (Chapuis), *Xyleborinus sculptilis* (Schedl).

Artocarpus hirsuta

Xyleborus perforans (Wollaston).

Artocarpus incisus

Cyrtogenius brevior (Eggers), *Platypus jansoni* Chapuis.

Artocarpus integrifolia

Diamerus curcifer (Walker), *Eucallacea interjectus* (Blandford), *Eucallacea xanthopus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Liparthrum artocarpus* Wood, *Platypus indicus* Strohmeier, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus similis* Ferrari, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Artocarpus introcha

Platypus lepidus Chapuis.

Artocarpus kunstleri

Acanthotomicus kepongi (Schedl), *Cryphalus artocarpus* (Schedl), *Cyrtogenius brevior* (Eggers), *Diamerus luteus* Hagedorn, *Eucallacea subparallelus* (Eggers), *Hypothenemus eruditus* Westwood, *Xyleborus amphicranoides* Hagedorn.

Artocarpus lakoocha

Ambrosiodmus dihingensis (Eggers), *Ambrosiodmus sulcatus* (Eggers), *Baiocis perianthus* (Schedl), *Coccotrypes cyperi* (Beeson), *Cryphalus dorsalis* (Motschulsky), *Cyrtogenius glaber* (Schedl), *Eucallacea wallacei* (Blandford), *Ozopemon obanus* Hagedorn, *Platypus curtatus* Sampson, *Platypus pseudocupulatus* Schedl, *Platypus signatus* Chapuis, *Platypus westwoodi* Chapuis, *Xyleborus perforans* (Wollaston), *Xyleborus punilus* Eggers, *Xyleborus rufobrunneus* Eggers, *Xyleborus volvulus* (Fabricius).

Artocarpus lanceaefolia

Coccotrypes advena Blandford, *Coccotrypes cinnamomi* (Eggers), *Coptodryas mugax* (Schedl), *Hypothenemus artocarpi* Browne, *Xyleborus perforans* (Wollaston).

Artocarpus nobilis

Eccoptopterus spinosus (Olivier).

Artocarpus rigida

Coccotrypes advena Blandford, *Coccotrypes cinnamomi* (Eggers), *Cryphalus tenuis* Schedl, *Hypothenemus artocarpi* Browne.

Artocarpus scortechini

Amasa versicolor (Sampson), *Coccotrypes advena* Blandford, *Coccotrypes cinnamomi* (Eggers), *Coccotrypes marginatus* (Browne), *Coccotrypes petioli* (Browne), *Coptodryas cylindrica* (Eggers), *Cryphalus tenuis* Schedl, *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Eucallacea xanthopus* (Eichhoff), *Hypocryphalus corpulentus* Schedl, *Hypothenemus artocarpi* Browne, *Platypus insulindicus* Schedl, *Xyleborus amphicranoides* Hagedorn.

Artocarpus spp.

Cladoctonus interruptus (Eggers), *Coccotrypes*

gedeanus (Eggers), *Coccotrypes longior* (Eggers), *Coccotrypes medius* (Eggers), *Cryphalus brownei* Wood, *Cryphalus mollis* Schedl, *Cryphalus sylvicola* (Perkins), *Cyrtogenius parvus* Browne, *Eucallacea andamanensis* (Blandford), *Eucallacea fornicatus* (Eichhoff), *Ficicis despectus* (Walker), *Genyocerus diaphanus* (Schedl), *Hadrodemius globus* (Blandford), *Hypocryphalus perminimus* (Schedl), *Hypothenemus artocarpi* Browne, *Hypothenemus eruditus* Westwood, *Leptoxyleborus concisus* (Blandford), *Platypus cupulatus* Chapuis, *Platypus forficula* Chapuis, *Platypus insulindicus* Schedl, *Xyleborinus exiguus* (Walker), *Platypus jansoni* Chapuis, *Platypus solidus* Walker, *Platypus westwoodi* Chapuis, *Xyleborus alluaudi* Schaufuss, *Xyleborus apertus* Schedl, *Xyleborus javanus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus principalis* Eichhoff, *Xyleborus pseudocylindricus* Eggers, *Xylosandrus ater* (Eggers), *Xylosandrus crassiusculus* (Motschulsky).

Artocarpus sticus

Hypothenemus artocarpi Browne.

Arundinaria alpina

Dendrochilus arundinarius Schedl.

Asimina spp.

Hypothenemus eruditus Westwood.

Asimina triloba

Hypothenemus eruditus Westwood, *Trischidias atomus* (Hopkins).

Asparagus spp.

Miniocurus congonus (Schedl), *Xylosandrus compactus* (Eichhoff).

Aspericollis spp.

Hypothenemus eruditus Westwood.

Astragalus spp.

Hypothenemus crudiae (Panzer).

Astrocarym murumura

Coccotrypes surinamensis Schedl.

Astronium graveolens

Styphlosoma subulatum Wood, *Xyleborus volvulus* (Fabricius).

Aucoumea klaineana

Doliopygus coelocephalus (Schaufuss), *Doliopygus conradi* (Strohmeier), *Doliopygus erichsoni* (Chapuis), *Doliopygus serratus* (Strohmeier), *Dryocoetoides cristatus* (Fabricius), *Hypothenemus concolor* Hagedorn, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Trachyostus aterrimus* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

Augophora costata

Xyleborus perforans (Wollaston).

Austroboxus nitidus

Crossotarsus squamulatus Chapuis, *Platypus cupulatus* Chapuis, *Platypus pseudocupulatus* Schedl.

Autranella congolensis

Chaetastus tuberculatus (Chapuis), *Coccotrypes cylindricus* (Eggers), *Diapus quinquespinatus* Chapuis, *Doliopygus artemisatus* (Schedl), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebrunii* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeier), *Platypus parallelus* (Fabricius), *Trachyostus schaufussi* (Strohmeier), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

Aricennia officinalis*Xyleborus ferrugineus* (Fabricius).**Aricennia spp.***Xyleborus bidentatus* (Motschulsky).**Baccharus spp.***Micracis suainci* Blackman, *Pityophthorus paulus* Wood, *Scolytodes constrictus* Wood.**Baccaura parvifolia***Crossotarsus siporani* Schedl.**Baikaea eminii***Xyleborus multispinatus* Eggers, *Xylocleptes baikiae* Schedl.**Baikaea spp.***Ambrosiodmus albizzianus* (Schedl), *Doliopygus interruptus* (Sampson).**Bailonella toxisperma***Cyclorhipidion agnaticeps* (Schedl).**Balanites wilsoniana***Hypothenemus eruditus* Westwood, *Hypothenemus perhipidus* (Eggers), *Hypothenemus socialis* (Schedl).**Balanocarpus heimii***Arxyleborus mediosectus* (Eggers), *Arxyleborus scabripennis* (Blandford), *Coccotrypes brunneus* (Nunberg), *Coccotrypes gedeanus* (Eggers), *Coccotrypes subcribrosus* (Blandford), *Coptodryas curvidentis* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Cryptoxyleborus dryobalanopsis* Schedl, *Cyclorhipidion agnatum* (Eggers), *Cyclorhipidion pruinosum* (Blandford), *Diapus pusillimus* Chapuis, *Diapus quinquispinatus* Chapuis, *Genyocerus abdominalis* (Schedl), *Hypothenemus cuneolus* (Schedl), *Leptoxyleborus concisus* (Blandford), *Platypus armaticeps* Schedl, *Platypus balanocarpus* Schedl, *Platypus bifurcus* (Schedl), *Platypus curtus* Chapuis, *Platypus planodeclivis* Schedl, *Platypus shoreanus* (Beeson), *Platypus transformis* Schedl, *Platytarsulus elongatus* Schedl, *Schedlia sumatrana* (Hagedorn), *Xyleborus amplexicauda* Hagedorn, *Xyleborus apertus* Schedl, *Xyleborus balanocarpi* Nunberg, *Xyleborus cylindromorphus* Eggers, *Xyleborus dolosus* Blandford, *Xyleborus emarginatus* Eichhoff, *Xyleborus macropterus* Schedl, *Xyleborus persimilis* Eggers, *Xyleborus triangi* Schedl.**Balfourodendron riedelianum***Xyleborus ferrugineus* (Fabricius).**Baloghia lucida***Chaetoptelius tricolor* (Schedl), *Xyleborus perforans* (Wollaston).**Bambusa spp.***Hypothenemus solitarius* (Schedl), *Scolytomatypus mikado* Blandford.**Bambusa tulda***Coccotrypes barbatus* (Schedl).**Bambusa vulgaris***Chramesus gracilis* Wood, *Chramesus macrocornis* Wood, *Hylocurus nodulus* Wood.**Banksia grandis***Anasa banksiae* (Schedl).**Baphia nitida***Cyclorhipidion crucifer* (Hagedorn), *Cylindropalpus camerunus* (Schedl), *Cylindropalpus laudatus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus interjectus* Schedl, *Doliopygus nairobiensis* (Schedl), *Hypothenemus eruditus* Westwood, *Triozastus banghaasi* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers.**Baphia pubescens***Hylesinopsis baphiae* (Schedl), *Hylesinopsis quadrituberculatus* (Schedl), *Hypothenemus biseriatus* (Eggers), *Hypothenemus camerunus* (Eggers), *Rhopalopselion grande* Schedl, *Rhopalopselion intermedium* Schedl, *Rhopalopselion nitidum* Schedl, *Rhopalopselion thompsoni* Schedl, *Tiarophorus intermedius* Schedl, *Xyleborus piceus* (Motschulsky).**Baphia soldheidii***Hylesinopsis quadrituberculatus* (Schedl), *Rhopalopselion grande* Schedl, *Rhopalopselion intermedium* Schedl, *Rhopalopselion nitidum* Schedl.**Baphia spp.***Premnobius cavipennis* Eichhoff, *Rhopalopselion confusum* Eggers, *Xyleborus volutus* (Fabricius).**Barringtonia excelsa***Hypothenemus eruditus* Westwood.**Barringtonia macrostachya***Anasa versicolor* (Sampson).**Barteria fistulosa***Doliopygus lefevrei* Schedl, *Doliopygus tenuis* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Xyleborus affinis* Eichhoff.**Barteria nigrimana***Cylindropalpus camerunus* (Schedl), *Cylindropalpus granulosus* (Schedl), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus dubius* (Sampson), *Doliopygus retusus* Schedl, *Doliopygus tenuis* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Periommatinus excisus* Strohmeyer, *Phrixosoma fuscovillosa* (Schedl), *Platypus hintzi* Schaufuss, *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).**Basjoo spp.***Hypothenemus eruditus* Westwood.**Bassia butyracea***Platypus verehatus* (Beeson), *Scolytomimus assamensis* Schedl.**Bassia latifolia***Cryphalus scabricollis* Eichhoff, *Eccoptopterus spinosus* (Olivier), *Platypus uncinatus* Blandford, *Polygraphus anogeissi* Wood, *Scolytomimus assamensis* Schedl, *Scolytomimus minusopis* Wood, *Xyleborus perforans* (Wollaston), *Xyloctonus scolytoides* Eichhoff.**Bauhinia alba***Hypothenemus californicus* Hopkins, *Hypothenemus columbi* Hopkins, *Hypothenemus javanus* (Eggers).**Bauhinia grandiceps***Hypothenemus brunneus* (Hopkins), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood.**Bauhinia krugii***Hypothenemus crudiae* (Panzer).**Bauhinia malabarica***Crossotarsus emorsus* Beeson.**Bauhinia purpurea***Hypothenemus eruditus* Westwood, *Xyleborus similis* Ferrari.**Bauhinia spp.***Crossotarsus externedentatus* (Fairmaire), *Crossotarsus squamulatus* Chapuis, *Hypothenemus eruditus* Westwood, *Xyleborus rugosipennis* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus retusus* (Eichhoff).**Bauhinia tomentosa***Hypothenemus ater* (Eggers), *Hypothenemus bauhaniae* Schedl, *Hypothenemus eruditus* Westwood, *Hypothe-*

nemus javanus (Eggers), *Hypothenemus morio* (Eggers), *Hypothenemus mozambicensis* Eggers, *Hypothenemus seriatus* (Eichhoff), *Microrhynchus attenuatus* (Eggers), *Scolytomimus assamensis* Schedl, *Xyleborus subasperulus* Eggers, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

Bauhinia variegata

Eucallacea andamanensis (Blandford), *Eucallacea fornicatus* (Eichhoff), *Hypothenemus setosus* (Eichhoff), *Xyleborus perforans* (Wollaston), *Xylosandrus discolor* (Blandford).

Beilschmiedia bancroftii

Platypus carbonescens (Beeson).

Beilschmiedia corbisieri

Doliopygus lebrunii Schedl, *Doliopygus megatoma* Schedl, *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus criticus* (Schedl), *Periommatius excisus* Strohmeyer, *Prennobiobius robustulus* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus ferrugineus* (Fabricius).

Beilschmiedia gilbertii

Chaetastus tuberculatus (Chapuis), *Cylindropalpus laudatus* (Schedl), *Periommatius excisus* Strohmeyer, *Periommatius longicollis* Chapuis, *Periommatius subrobustus* Schedl, *Platypus beilschmiediae* Schedl, *Platypus hintzi* Schaufuss, *Platypus solutus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus consobrinus* Eggers, *Xyleborus volutus* (Fabricius).

Beilschmiedia louisii

Ambrosiodmus aegir (Eggers), *Cyclorhipidion agnaticeps* (Schedl), *Doliopygus bitalei* Schedl, *Doliopygus rhodesianus* (Schedl), *Mesoplatypus kitushi* Schedl, *Platypus orientalis* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus amanicus* Hagedorn, *Xyleborus principalis* Eichhoff.

Beilschmiedia obtusifolia

Xyleborus ipidia Schedl.

Beilschmiedia sikkimensis

Ambrosiodmus lantanae (Eggers), *Cyclorhipidion hirtum* (Hagedorn), *Diaprus spatulifer* Browne, *Eucallacea wallacei* (Blandford), *Platypus curtatus* Sampson, *Platypus lopchuensis* Schedl.

Beilschmiedia spp.

Ambrosiodmus eichhoffi (Schreiner), *Baiocis solominicus* Browne, *Prennobiobius cavipennis* Eichhoff, *Xylosandrus difficilis* (Eggers).

Belanophora glomerata

Chaetastus tuberculatus (Chapuis).

Belotia campbelli

Trischidias exigua Wood.

Benzoin spp.

Phloeosinus pulchellus Blandford, *Scolytotplatypus mikado* Blandford, *Scolytotplatypus tycon* Blandford, *Xylosandrus mutilatus* (Blandford).

Benzoin thunbergii

Indocryptophalus pubipennis (Blandford).

Berberis fremontii

Thysanoes berbericolens Wood.

Berberis nepalensis

Xyleborus mussooriensis Eggers.

Berberis spp.

Corthylus punctatissimus (Zimmermann), *Xylosandrus brevis* (Eichhoff).

Berchemia scandens

Thysanoes berchemiae Blackman.

Berkheya spekeana

Rhopalosiphon congonum (Schedl).

Berlinia acuminata

Cylindropalpus auricomans (Schaufuss), *Pityophthorus mposae* Schedl, *Platypus parallelus* (Fabricius), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus rothkirchi* Eggers, *Xyleborus volutus* (Fabricius).

Berlinia auriculata

Platypus hintzi Schaufuss.

Berlinia brieji

Platypus parallelus (Fabricius).

Berlinia confusa

Doliopygus berliniae Roberts, *Doliopygus caesalpiniae* Roberts.

Berlinia grandiflora

Pityophthorus mposae Schedl.

Berlinia spp.

Doliopygus bitalei Schedl, *Doliopygus chapuisi* (Duvi-vier), *Platypus hintzi* Schaufuss, *Platypus neosolidus* Schedl, *Platypus parallelus* (Fabricius).

Berria amonilla

Hypothenemus brunneus (Hopkins), *Hypothenemus eruditus* Westwood.

Bersama abyssinica

Acanthotomicus tanganyikaensis (Schedl).

Bersama spp.

Chaetastus montanus Schedl, *Scolytotplatypus fasciatus* Hagedorn.

Bertholletia excelsa

Hypothenemus obscurus (Fabricius).

Betonica officinalis

Thamnurgus kaltenbachii (Bach).

Betula grossa

Platypus calamus Blandford, *Platypus lewisi* Blandford.

Betula japonica

Xyleborinus alni (Niisima).

Betula lenta

Dryocoetes betulae Hopkins, *Trypodendron betulae* Swaine.

Betula lutea

Dryocoetes betulae Hopkins, *Monarthrum mali* (Fitch), *Xyleborus ferrugineus* (Fabricius).

Betula papyrifera

Dryocoetes betulae Hopkins, *Trypodendron betulae* Swaine.

Betula platyphylla

Scolytus betulae Niisima.

Betula platyphylla japonica

Platypus lewisi Blandford, *Xyleborinus saxeseni* (Ratze-burg).

Betula populifera

Pseudopityophthorus asperulus (LeConte).

Betula schmidtii

Xyleborus atratus Eichhoff.

Betula spp.

Ambrosiodmus obliquus (LeConte), *Ambrosiodmus tachygraphus* (Zimmermann), *Ernoporicus fagi* (Fabricius), *Hypothenemus crudiae* (Panzer), *Pseudopityophthorus minutissimus* (Zimmermann), *Scolytus dahuricus* Chapuis, *Scolytus intricatus* (Ratzeburg), *Scolytus ratzeburgi* Janson, *Taphrorychus betulae* Schedl, *Trypodendron domesticum* (Linnaeus), *Trypodendron signatum*

(Fabricius), *Xyleborus maiche* (Stark), *Xyleborus obesus* LeConte, *Xyleborus sayi* (Hopkins), *Xyleborus seriatus* Blandford, *Xyloterinus politus* (Say).

Bidens pilosa

Hypothenemus californicus Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins).

***Bignonia* spp.**

Hypothenemus crudiae (Panzer).

Biota orientalis

Ambrosiodmus rubricollis (Eichhoff), *Phlocosinus bicolor* (Brulle), *Phlocosinus hopehi* Schedl.

Bischofia javanica

Ambrosiodmus lecontei Hopkins, *Platypus biuncus* Blandford, *Platypus cavius* Strohmeier, *Xylosandrus crassiusculus* (Motschulsky).

Bixa orellana

Eucallacea fornicatus (Eichhoff), *Hypothenemus eruditus* Westwood, *Xyleborus mucronatus* Eggers, *Xylosandrus morigerus* (Blandford).

Blacus fuscipennis

Xyleborinus saxeseni (Ratzeburg).

Blighia sapida

Chaetastus tuberculatus (Chapuis), *Doliopygus brevis* (Strohmeier), *Doliopygus conradti* (Strohmeier), *Doliopygus dubius* (Sampson), *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeier), *Periommatatus grandis* Schedl, *Periommatatus longicollis* Chapuis, *Platypus schenkingi* (Strohmeier), *Triozastus marshalli* (Sampson), *Xyleborinus similans* (Eggers), *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers.

***Blighia* spp.**

Premnobius cavipennis Eichhoff.

Blighia unijugata

Chaetastus tuberculatus (Chapuis).

Blighia welwitschii

Chaetastus tuberculatus (Chapuis), *Doliopygus divaricus* (Schedl), *Doliopygus erichsoni* (Chapuis), *Doliopygus jurioni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus unicornis* Schedl, *Periommatatus excisus* Strohmeier, *Periommatatus grandis* Schedl, *Periommatatus longicollis* Chapuis, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeier), *Triozastus banghaasi* (Schaufuss), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

Bohea elatior

Xyleborus ferrugineus (Fabricius), *Xyleborus perforans* (Wollaston).

Bocconia frutescens

Corthyoclon aztecum (Bright).

Boehmeria scabra

Hypothenemus californicus Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood.

***Boehmeria* spp.**

Xylosandrus morigerus (Blandford).

Boehmeria ulmifolia

Microcorthyus demissus Wood, *Microcorthyus ocularis* Wood.

***Boieldieuia* spp.**

Hypothenemus eruditus Westwood.

Bolboceranus bicolor

Doliopygus megatoma Schedl, *Periommatatus similis* Strohmeier.

Bombacopsis quinata

Xyleborus affinis Eichhoff.

Bombacopsis quintana

Xyleborus ferrugineus (Fabricius).

Bombax flammeum

Platypus hintzi Schaufuss, *Platypus impressus* (Strohmeier), *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl.

Bombax insigne

Platypus quadrifissilis Schedl, *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Bombax malabaricum

Ambrosiodmus minor (Stebbing), *Cryphalus scabricollis* Eichhoff, *Eucallacea interjectus* (Blandford), *Platypus cavius* Strohmeier, *Platypus cupulatus* Chapuis, *Platypus errans* (Sampson), *Platypus latifinis* Walker, *Platypus solidus* Walker, *Platypus uncinatus* Blandford, *Xyleborinus andrewesi* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus compactus* (Eichhoff).

***Bombax* spp.**

Platypus indicus Strohmeier.

Borassus flabellifer

Coccotrypes carpophagus (Hornung), *Coccotrypes cyperi* (Beeson), *Coccotrypes variabilis* (Beeson), *Xyleborus affinis* Eichhoff.

***Borassus* spp.**

Xyleborus affinis Eichhoff.

Borrichia arborescens

Pityophthorus borrichiae Wood.

Borrichia frutescens

Pityophthorus borrichiae Wood.

Bosqueia angolensis

Chaetastus montanus Schedl, *Chaetastus tuberculatus* (Chapuis), *Ctonoxylon bosqueiae* Schedl, *Diamerus impar* Chapuis, *Diamerus pimelioides* (Schaufuss), *Doliopygus bidentatus* (Strohmeier), *Doliopygus brevis* (Strohmeier), *Doliopygus chapuisi* (Duvivier), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeier), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus serratus* (Strohmeier), *Doliopygus unicornis* Schedl, *Eccoptopterus spinosus* (Olivier), *Hylesinopsis confusus* (Eggers), *Hylesinopsis dubius* Eggers, *Hypothenemus arecae* (Hornung), *Mesoplatypus kitushi* Schedl, *Periommatatus excisus* Strohmeier, *Periommatatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeier), *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Rhopalopselion confusum* Eggers, *Triozastus banghaasi* (Schaufuss), *Triozastus caliginosus* Roberts, *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus principalis* Eichhoff, *Xyleborus scobinatus* Hagedorn, *Xyleborus volvulus* (Fabricius).

Bosqueia phoberos

Chaetastus tuberculatus (Chapuis), *Doliopygus chapuisi* (Duvivier).

***Bosqueia* spp.**

Ambrosiodmus albizzianus (Schedl), *Diamerus impar* Chapuis, *Dactylipalpus grouvellei* (Blandford).

Boswellia serrata

Carphoborus boswelliae (Stebbing), *Carphoborus latus*

- Wood, *Platypus uncinatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.
- Bouea macrophylla**
Crossotarsus squamulatus Chapuis, *Crossotarsus wallei* (Thomson).
- Bouea spp.**
Platypus pseudocupulatus Schedl.
- Bourreiria havenensis**
Dendrosinus bourreiriae Schwarz.
- Brachychiton acerifolium**
Platypus subgranosus Schedl.
- Brachychiton populneum**
Platypus subgranosus Schedl.
- Brachystegia nigerica**
Doliopygus caesalpiniae Roberts, *Platypus hintzi* Schauffuss.
- Brachystegia spp.**
Ambrosiodinus eichhoffi (Schreiner), *Doliopygus interruptus* (Sampson), *Doliopygus minimus* (Schedl), *Doliopygus spatiosus* (Schedl), *Premnobius cavipennis* Eichhoff.
- Brachystegia utilis**
Glostystus seydeli (Numberg), *Polygraphus zambianus* Beaver.
- Brackenridgea hookeri**
Crossotarsus squamulatus Chapuis, *Xylosandrus mancus* (Blandford).
- Bradfordi spp.**
Hypothenemus eruditus Westwood.
- Brammelia costaricensis**
Platypus coronatus Schedl.
- Breymia microphylla**
Eucallacea xanthopus (Eichhoff).
- Bridelia bridelifolia**
Cyclorhipidion agnaticeps (Schedl), *Xyleborus ruandae* Schedl.
- Bridelia retusa**
Eccoptopterus spinosus (Olivier), *Platypus uncinatus* Blandford.
- Bridelia sclereneuroides**
Hypothenemus tungamcansohus (Schedl), *Platypus hintzi* Schauffuss.
- Bridelia spp.**
Xylosandrus morigerus (Blandford).
- Bridela tomentosa**
Crossotarsus squamulatus Chapuis.
- Bridelia tulasneana**
Xyleborinus quadrispinosus (Eichhoff).
- Brillantaisia leonensis**
Dendrochilus robustus Schedl.
- Brillantaisia spp.**
Xyleborus ambaspennis Schedl, *Xyleborus clerodendronae* Schedl, *Xyleborus truncatulus* Schedl.
- Brosimum alicastrum**
Cladoctonus cubensis (Wood), *Phloeotribus setulosus* Eichhoff, *Pycnarthrum amersum* Wood.
- Brosimum spp.**
Phloeoborus scaber Erichson, *Phloeotribus biguttatus* Blandford, *Phloeotribus pilula* (Erichson), *Phloeotribus setulosus* Eichhoff, *Pycnarthrum brosimi* Wood, *Pycnarthrum subcarinatum* Wood, *Xyleborus affinis* Eichhoff.
- Broussonetia kazinoki**
Cryphalus exiguus Blandford.
- Brownea spp.**
Araptus hypnaceae (Eggers), *Araptus laevigatus* (Eggers), *Chramesus impolitus* Wood, *Dryocoetoides cristatus* (Fabricius), *Taurodemus bicornutus* (Wood), *Taurodemus splendidus* (Schauffuss), *Xyleborus volutus* (Fabricius).
- Bruguiera gymorhiza**
Coccotrypes fallax (Eggers), *Cryphalus borneensis* Schedl.
- Bruguiera parviflora**
Crossotarsus squamulatus Chapuis, *Platypus forficula* Chapuis, *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.
- Bumellia costaricensis**
Corthylus zelus Wood, *Monarthrum vittatum* (Blandford), *Platypus brevicornis* Wood, *Platypus eugestus* Wood, *Platypus vegestus* Wood.
- Buchanania arborescens**
Xyleborinus andreweesi (Blandford), *Xyleborus metacneolus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).
- Buchanania lanzan**
Crossotarsus minax (Walker), *Cryphalus scabricollis* Eichhoff, *Xyleborinus andreweesi* (Blandford), *Xyleborus similis* Ferrari, *Xylosandrus gravidus* (Blandford), *Xylosandrus mancus* (Blandford).
- Buchanania latifolia**
Crossotarsus externedentatus (Fairmaire), *Platypus errans* (Sampson), *Platypus uncinatus* Blandford, *Xyleborus perforans* (Wollaston), *Xylosandrus mancus* (Blandford).
- Buchanania sessilifolia**
Crossotarsus schedli Browne, *Ficicis despectus* (Walker), *Xylosandrus crassiusculus* (Motschulsky).
- Buchanania spp.**
Crossotarsus externedentatus (Fairmaire), *Platypus jansoni* Chapuis, *Platypus negatus* Schedl, *Platypus solidus* Walker, *Xyleborinus andreweesi* (Blandford).
- Bucida buceras**
Hypothenemus crudiae (Panzer), *Hypothenemus eruditus* Westwood.
- Bucklandia populnea**
Coccotrypes nubilus (Blandford), *Diapus spatulifer* Browne.
- Buddleja spp.**
Xylosandrus compactus (Eichhoff).
- Budianana sessilifolia**
Hypothenemus javanus (Eggers).
- Buka limlia**
Crossotarsus bonvouloiri Chapuis.
- Bumelia lanuginosa**
Cnesinus strigicollis LeConte.
- Bupleurum fruticosum**
Triotemnus grangeri (Peyerimhoff).
- Bupleurum spinosum**
Triotemnus grangeri (Peyerimhoff), *Triotemnus lepinei* Balachowsky.
- Burkella spp.**
Diapus oomsis Roberts, *Platypus vitiensis* Roberts.
- Bursaria spinosa**
Cryphalus pilosellus Erichson.
- Bursera capallifera**
Schedlarius mexicanus Duges.
- Bursera instabilis**
Phloeoterus burserae Wood.
- Bursera microphylla**
Cactopinus desertus Bright, *Dendroterus striatus* (LeConte).

Bursera simarubra

Dendroterus eximius Wood, *Dendroterus defectus* Wood, *Dendroterus parilis* Wood, *Dendroterus resolutus* Wood, *Dendroterus sallaei* Blandford, *Dendroterus sodalis* Wood, *Schedlarius mexicanus* Duges, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus spathipennis* Eichhoff, *Xyleborus spinulosus* Blandford, *Xyleborus tumucensis* Hagedorn, *Xyleborus tolvulus* (Fabricius).

Bursera spp.

Cactopinus spinatus Wood, *Dendroterus cognatus* Wood, *Dendroterus decipiens* Wood, *Dendroterus fossifrons* Wood, *Dendroterus luteolus* (Schedl), *Dendroterus mexicanus* Blandford, *Dendroterus modicus* Wood, *Dendroterus sallaei* Blandford, *Hypothenemus crudiae* (Panzer), *Hypothenemus seriatus* (Eichhoff), *Microborus mexicanus* Wood, *Pityophthorus burserae* Wood, *Pityophthorus indigenus* Wood, *Pityophthorus nanus* Wood, *Pityophthorus nebulosus* Wood, *Xyleborus morulus* Blandford.

Bussea occidentalis

Cylindropalpus auricomans (Schaufuss), *Doliopygus brevis* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus mimicus* (Schedl), *Doliopygus nitidulus* Schedl, *Doliopygus opifex* (Sampson), *Doliopygus proximus* Schedl, *Doliopygus retusus* Schedl, *Hypothenemus concolor* Hagedorn, *Mesoplatypus ventricornis* Schedl, *Mesoplatypus venustus* Schedl, *Periornatus longicollis* Chapuis, *Pityophthorus busseae* Schedl, *Pityophthorus suturalis* Eggers, *Prennobiobius sexspinosus* Eggers, *Stephanopodius ghanaensis* (Schedl), *Triozastus elongatus* Schedl, *Xyleborinus sharpae* (Hopkins).

Bussea spp.

Scolytoptatypus occidentalis Browne.

Butea frondosa

Coccotrypes longior (Eggers), *Eucallacea andamanensis* (Blandford) *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus manicus* (Blandford).

Butea monosperma

Crossotarsus externedentatus (Fairmaire), *Crossotarsus minax* (Walker), *Xyleborus fallax* Eichhoff, *Xyleborus similis* Ferrari, *Xylosandrus morigerus* (Blandford).

Butea spp.

Platypus solidus Walker.

Buxus macowanii

Scolytoptatypus obtectus Schedl.

Buxus spp.

Scolytoptatypus fasciatus Hagedorn.

Byronia sandwicensis

Xyleborus obliquus Sharp, *Xyleborus perforans* (Wollaston).

Byrsonima spp.

Xylosandrus compactus (Eichhoff).

Caesalpinia decapetala

Pityophthorus mulungensis Schedl, *Thamnurgus granulicollis* Schedl, *Xylocleptes sidanus* (Schedl).

Caesalpinia melanocarpa

Spermophthorus caesalpiniae Blackman.

Caesalpinia pulcherrima

Hypothenemus eruditus Westwood.

Caesalpinia sappan

Hyorrhynchus lewisi Blandford.

Caesalpinia sopiaria

Cyrtogenius polyphagus (Schedl).

Cajanus cajan

Araptus hymenaeae (Eggers), *Cyrtogenius mulungensis* (Schedl), *Hypothenemus brunneus* (Hopkins), *Hypothenemus californicus* Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Hypothenemus seriatus* (Eichhoff).

Calamus caesius

Xylosandrus morigerus (Blandford).

Calamus spp.

Ambrosiodmus brunneipes (Eggers), *Eucallacea linatus* (Schedl), *Hypothenemus eruditus* Westwood, *Leptoxyleborus concisus* (Blandford), *Xyleborus scabricollis* (Schedl), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).

Caldcluvia spp.

Diapys nebulosus Roberts, *Diapys unispineus* Roberts.

Calliandra confusa

Hypothenemus opacus (Eichhoff), *Hypothenemus seriatus* (Eichhoff), *Micracis grandis* Schedl, *Thysanoes neotropicalis* Wood, *Tricolus senex* Schedl, *Xylosandrus zimmermanni* (Hopkins).

Calliandra houstoniana

Micracis festinus Wood.

Callicarpa spp.

Hypothenemus seriatus (Eichhoff), *Xylosandrus compactus* (Eichhoff).

Callitris articulata

Phloeosinus bicolor (Brulle).

Calodendrum capensis

Pityophthorus kenyaensis Schedl.

Calonciton tamnifolium

Scolytogenes knabi (Hopkins).

Caloncobia welwitschii

Cryptocarenus pygmaeus Schedl, *Doliopygus donisi* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus rapax* (Sampson), *Hypothenemus ater* (Eggers).

Calophyllum brasiliense antellianum

Araptus pallidus (Blackman).

Calophyllum chapelieri

Xyleborinus cupulatus (Schedl).

Calophyllum cuneifolium

Cryphalus vestitus Blandford.

Calophyllum inophyllum

Crossotarsus chalcographus Schedl, *Crossotarsus externedentatus* (Fairmaire), *Hypothenemus eruditus* Westwood, *Xyleborinus andrewesi* (Blandford), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xylosandrus manicus* (Blandford).

Calophyllum spp.

Crossotarsus squamulatus Chapuis, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Cylindropalpus sulcatus* Browne, *Diapys bispinus* Schedl, *Diapys nanus* Schedl, *Diapys nebulosus* Roberts, *Diapys papuanus* Schedl, *Diapys perpygmaeus* Roberts, *Hypocryphalus laevis* Browne, *Hypocryphalus tutuilaensis* Schedl, *Platypus platypoides* (Browne), *Platypus porcellus* Schedl, *Platypus westwoodi* Chapuis.

Calophyllum tetrapterum

Crossotarsus squamulatus Chapuis, *Diapys minutissinus* Schedl, *Platypus truncatus* Browne, *Xylosandrus crassiusculus* (Motschulsky).

Calophyllum vitiense

Platypus vitiensis Roberts.

Calophyllum walkeri

Arixyleborus seminitens (Blandford).

Calycopteris floribunda*Crossotarsus minax* (Walker).***Calycotome spinosa****Liparthrum genistae* (Aube), *Phlocotribus rhododactylus* (Marshall).***Calycotome* spp.***Phlocotribus cristatus* (Fauvel), *Phlocotribus perfoliatus* (Wollaston).***Camellia japonica****Platypus severini* Blandford, *Xyleborus atratus* Eichhoff, *Xylosandrus brevis* (Eichhoff).***Camellia japonica rusticana****Scolytogenes camelliae* (Nobuchi).***Camellia sasangua****Xylosandrus borealis* Nobuchi, *Xylosandrus brevis* (Eichhoff).***Camellia sinensis****Coccotrypes theae* Eggers, *Cryphalus testitus* Blandford, *Eucallacra fornicatus* (Eichhoff), *Platypus lepidus* Chapuis, *Platypus uncinatus* Blandford, *Scolytinus assamensis* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus morigerus* (Blandford).***Camellia* spp.***Xylosandrus mutilatus* (Blandford).***Camellia thea****Eucallacra fornicatus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).***Camellia theifera****Coccotrypes theae* Eggers, *Xylosandrus morigerus* (Blandford).***Camoesia maxima****Xyleborus ficus* Eggers.***Camposperma auriculata****Coccotrypes campospermae* (Browne), *Coccotrypes cinnamomi* (Eggers), *Coccotrypes gedeanus* (Eggers), *Coccotrypes longior* (Eggers), *Coccotrypes marginatus* (Browne), *Coccotrypes medius* (Eggers), *Cryphalus tenuis* Schedl.***Camposperma* spp.***Hypothenemus artocarpus* Browne, *Platypus hospes* Schedl, *Platypus jansonii* Chapuis, *Platypus solidus* Walker.***Cananga odorata****Crossotarsus mnischei* Chapuis, *Platypus biuncus* Blandford.***Canarium australasicum****Platypus queenslandi* Schedl.***Canarium boivin****Mitosoma crenulatum* Chapuis, *Xyleborus alluaudi* Schaufuss.***Canarium commune****Arxyleborus malayensis* (Schedl), *Cryphalus duplosquamosus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborus affinis* Eichhoff.***Canarium euphyllum****Arxyleborus mediosextus* (Eggers), *Arxyleborus medius* (Eggers), *Bothinodroctonus setosus* Wood, *Coccotrypes vulgaris* (Eggers), *Coptodryas perparva* (Sampson), *Crossotarsus externedentatus* (Fairmaire), *Cryphalus scabricollis* Eichhoff, *Diapus quinquespinatus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Genyocerus diptercarpus* Browne, *Xyleborinus andrewesi* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborus bidentatus*(Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.***Canarium indicum****Crossotarsus centricornis* Schedl, *Platypus solidus* Walker.***Canarium littorale****Cnestus aterrinus* (Eggers), *Crossotarsus schedli* Browne, *Cyclorhipidion foersteri* (Hagedorn), *Cyclorhipidion pruinatum* (Blandford), *Hadrodemus globus* (Blandford), *Hypocrypalus malayensis* Schedl, *Xyleborinus perminutissimus* (Schedl).***Canarium patentinervium****Cyclorhipidion pruinatum* (Blandford).***Canarium schweinfurthii****Acanthotomicus caelatus* (Schedl), *Ambrosiodmus tropicus* (Hagedorn), *Chaetastus tuberculatus* (Chapuis), *Diapus quinquespinatus* Chapuis, *Doliopygus conradti* (Strohmeyer), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megaloma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus staneri* Schedl, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus solutus* Schedl, *Trachystosus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius).***Canarium* spp.***Ambrosiodmus ovatus* (Eggers), *Ambrosiodmus tropicus* (Hagedorn), *Coccotrypes gedeanus* (Eggers), *Coptoborus capucinulus* (Schedl), *Cyclorhipidion cachani* (Schedl), *Cyclorhipidion foersteri* (Hagedorn), *Cyrtogenius grossepunctatus* (Schedl), *Diapus amblylaminatus* Roberts, *Diapus oosis* Roberts, *Diapus pusillimus* Chapuis, *Eucallacra xanthopus* (Eichhoff), *Hypocryphalus striatus* Hopkins, *Leptoxyleborus concisus* (Blandford), *Mitosoma sexspinosus* Schedl, *Platypus bifidus* Schedl, *Platypus longicollis* Browne, *Platypus madagascariensis* Chapuis, *Platypus solidus* Walker, *Premnobius cavipennis* Eichhoff, *Premnobius cavipennis* Eggers, *Xyleborinus andrewesi* (Blandford), *Xyleborinus quadrispinosus* (Eichhoff), *Xyleborus alluaudi* Schaufuss, *Xyleborus canarii* Browne, *Xyleborus conradti* Hagedorn, *Xyleborus ipidia* Schedl, *Xyleborus kajangensis* Schedl, *Xyleborus multispinatus* Eggers, *Xyleborus posticegranulatus* Schedl, *Xyleborus tunggali* Schedl, *Xylosandrus corthyloides* (Schedl), *Xylosandrus crassiusculus* (Motschulsky).***Canarium strictum****Coccotrypes cardanomi* Schaufuss, *Coccotrypes cyperi* (Beeson), *Crossotarsus quadricaudatus* (Strohmeyer), *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston).***Canarium vitiense****Platypus vitiensis* Roberts.***Canarium vulgare****Cyrtogenius brevior* (Eggers).***Canavalia marivendbergi****Chramesus pumilus* (Chapuis).***Canavalia* spp.***Chramesus punctatus* Wood, *Hypothenemus brunneus* (Hopkins), *Hypothenemus seriatus* (Eichhoff).***Canavalia villosa****Chramesus pumilus* (Chapuis), *Cryptocarenus heveae* (Hagedorn), *Cryptocarenus lepidus* Wood, *Cryptocarenus seriatus* Eggers, *Hypothenemus plumeriae* (Nord-

- linger). *Hypothenemus teretis* Wood, *Stegomerus chiriquensis* Wood, *Stegomerus pygmaeus* Wood.
- Candiosperma holacobium**
Scolytogenes knabi (Hopkins).
- Canella spp.**
Cnesinus notateutonicus Schedl.
- Cannabris sativa**
Xylosandrus crassiusculus (Motschulsky).
- Canthium deweyrei**
Cylindropalpus laudatus (Schedl), *Doliopygus conradti* (Strohmeyer), *Premnobius quadrispinosus* Schedl, *Premnobius robustulus* (Schedl).
- Canthium didymum**
Cyclorhipidion foersteri (Hagedorn).
- Canthium oddoni**
Dryocoetoides cristatus (Fabricius), *Xyleborus piceus* (Motschulsky).
- Canthium spp.**
Ctonoxylon atrum Browne.
- Capparis bifolia**
Hypothenemus californicus Hopkins, *Hypothenemus gossypii* (Hopkins).
- Capparis nobilis**
Hypocryphalus nigrosetosus Schedl.
- Capsicum spp.**
Hypothenemus eruditus Westwood.
- Caragana spp.**
Scolytus schevyrewi Semenov.
- Carallia lucida**
Coccotrypes cyperi (Beeson).
- Carallia suffruticosa**
Platypus solidus Walker.
- Carallia spp.**
Platypus jansoni Chapuis.
- Carapa grandiflora**
Cylindropalpus granulatus (Schedl), *Doliopygus nitidulus* Schedl, *Pityophthorus togonus* Eggers, *Polygraphus dimorphus* Schedl, *Polygraphus granulatus* Eggers, *Polygraphus granulifer* Eggers, *Polygraphus kivuensis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus albaudi* Schaufuss, *Xyleborus ambasipennis* Schedl.
- Carapa guianensis**
Liparthrum carapae Wood.
- Carapa obovata**
Coccotrypes barbatus (Schedl), *Coccotrypes fallax* (Eggers).
- Carapa procer**
Chaetastus tuberculatus (Chapuis), *Cyrtogenius mayumbensis* (Schedl), *Doliopygus carapae* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus expletus* Schedl, *Doliopygus jurioni* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus ater* (Eggers), *Pityophthorus togonus* Eggers, *Polygraphus binotatus* Schedl, *Polygraphus kasukumbii* Schedl, *Premnobius sexspinosus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus piceus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).
- Carapa spp.**
Ambrosiodmus tropicus (Hagedorn), *Scolytoplatypus kivuensis* Schedl, *Scolytoplatypus mikado* Blandford, *Xyleborus bidentatus* (Motschulsky).
- Cardwellia sublimis**
Coptodryas eucalyptica (Schedl), *Xyleborus insulindicus* Eggers, *Xyleborus perforans* (Wollaston).
- Careya arborea**
Coccotrypes cyperi (Beeson), *Crossotarsus emorsus* Beeson, *Platypus errans* (Saunders), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus butanali* (Beeson).
- Cargotus urenus**
Coccotrypes dactyliperda (Fabricius).
- Carica papaya**
Crossotarsus externedentatus (Fairmaire), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Xyleborus perforans* (Wollaston), *Xylosandrus crassiusculus* (Motschulsky).
- Carnegiea gigantea**
Cactopinus hubbardi Schwarz.
- Carpinus betulus**
Ernioporus fagi (Fabricius), *Ernioporus shimanensis* Murayama, *Lymantor coryli* (Perris), *Scolytus azerbaijani* Michalski, *Scolytus jacobsoni* (Spessivtsev), *Scolytus scolytus* (Fabricius), *Scolytus varshavovitchi* Michalski, *Taphrorychus villifrons* (Dufour), *Trypodendron domesticum* (Linnaeus).
- Carpinus caroliniana**
Hypothenemus eruditus Westwood.
- Carpinus carpinoides**
Xyleborus atratus Eichhoff.
- Carpinus cordata**
Cryphalus carpini Berger, *Dryocoetes carpini* Eggers, *Scolytus claviger* Blandford, *Scolytus pubescens* Stark.
- Carpinus japonica**
Platypus severini Blandford, *Scolytus claviger* Blandford.
- Carpinus laxiflora**
Crossotarsus niponicus Blandford, *Cryphalus carpini* Berger, *Cryphalus carpinivorus* Murayama, *Dryocoetes carpinivorus* Choo & Woo, *Platypus koryoensis* (Murayama), *Platypus solidus* Walker, *Scolytus claviger* Blandford, *Taphrorychus moestus* (Blandford), *Xyleborus octidentatus* Murayama, *Xylosandrus germanus* (Blandford), *Xylosandrus mutilatus* (Blandford).
- Carpinus spp.**
Corthylus punctatissimus (Zimmermann), *Pseudopityophthorus minutissimus* (Zimmermann), *Scolytoplatypus tycon* Blandford, *Scolytus carpini* (Ratzeburg), *Scolytus intricatus* (Ratzeburg), *Scolytus pygmaeus* (Fabricius), *Xylosandrus mutilatus* (Blandford).
- Carpinus tschonoskii**
Crossotarsus niponicus Blandford, *Euwallacea validus* (Eichhoff), *Xyleborus seriatus* Blandford.
- Carpinus turczaninowii**
Xyleborus dispar (Fabricius).
- Carpodinus subrepanda**
Ctonoxylon flavescens Hagedorn, *Pseudomicracis bugekeae* (Schedl).
- Cartanopsis cuspidata**
Platypus calamus Blandford.
- Cartanopsis cuspidata sieboldii**
Platypus calamus Blandford.
- Carya alba**
Hypothenemus rotundicollis (Eichhoff).
- Carya arborea**
Crossotarsus squamulatus Chapuis.
- Carya glabra**
Hypothenemus rotundicollis (Eichhoff).
- Carya ovata**
Hypothenemus rotundicollis (Eichhoff).
- Carya spp.**
Ambrosiodmus detexusus (Wood), *Ambrosiodmus lecontei* Hopkins, *Ambrosiodmus obliquus* (LeConte),

Ambrosiodmus rubricollis (Eichhoff), *Ambrosiodmus tachygraphus* (Zimmermann), *Chramesus atkinsoni* Wood, *Chramesus hickoriae* LeConte, *Cnesinus strigicollis* LeConte, *Hylocurus bicornis* (Blackman), *Hylocurus binodatus* Wood, *Hylocurus harnedi* (Blackman), *Hylocurus prolatus* Wood, *Hylocurus rudis* (LeConte), *Hylocurus spadix* Blackman, *Hylocurus torosus* Wood, *Hypothenemus erudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus seriatus* (Eichhoff), *Micracisella opacicollis* (LeConte), *Monarthrum fasciatum* (Say), *Platypus compositus* Say, *Pseudopityophthorus minutissimus* (Zimmermann), *Pseudothyssanoes dislocatus* (Blackman), *Scolytus quadrispinosus* Say, *Thysanoes fimbriicornis* LeConte, *Thysanoes lobdelli* Blackman, *Thysanoes pallens* Wood, *Trischidias atomus* (Hopkins), *Xyleborus celsus* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus sayi* (Hopkins), *Xylosandrus germanus* (Blandford), *Xyloterinus politus* (Say).

Caryota spp.

Xylosandrus crassiusculus (Motschulsky).

Caryota urens

Euwallacea fornicatus (Eichhoff).

Casearia congensis

Platypus internedius (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Xyleborus alliaudi* Schaufuss, *Xyleborus piceus* (Motschulsky).

Casearia glomerata

Euwallacea sibsagaricus (Eggers), *Euwallacea velatus* (Sampson), *Euwallacea wallacei* (Blandford).

Casearia spp.

Hylesinus caseariae Wood.

Casimiroa spp.

Xylosandrus compactus (Eichhoff).

Cassia alata

Euwallacea fornicatus (Eichhoff).

Cassia didymobotrya

Xyleborus alliaudi Schaufuss, *Xyleborus piceus* (Motschulsky).

Cassia fistula

Crossotarsus externedentatus (Fairmaire), *Dryocoetoides cristatus* (Fabricius), *Dryocoetoides pseudosolitaris* (Eggers), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus nancus* (Blandford).

Cassia florida

Hypothenemus birmanus (Eichhoff).

Cassia glauca

Hypothenemus seriatus (Eichhoff).

Cassia grandis

Coccotrypes carpophagus (Homung).

Cassia javanica

Cryphalus capucinus Schedl, *Platypus geminatus* Chapuis.

Cassia laevigata

Ambrosiodmus aegir (Eggers).

Cassia lindheimeriana

Chramesus mimosae Blackman.

Cassia multijuga

Xylosandrus compactus (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus morigerus* (Blandford).

Cassia nodosa

Crossotarsus externedentatus (Fairmaire), *Hypothenemus erudiae* (Panzer).

Cassia parkii

Hypothenemus morio (Eggers).

Cassia siamea

Ambrosiodmus bostrichoides (Schedl), *Cyclorhipidion crucifer* (Hagedorn), *Doliopygus chapuisi* (Duvivier), *Doliopygus perminutissimus* (Schedl), *Euwallacea fornicatus* (Eichhoff), *Hypothenemus biseriatus* (Eggers), *Hypothenemus eruditus* Westwood, *Hypothenemus mulongensis* (Eggers), *Platypus compositus* Say, *Platypus pseudocupulatus* Schedl, *Premnobius corthyloides* Hagedorn, *Premnobius longus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus alliaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus volutus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus germanus* (Blandford).

Cassia spp.

Acanthotomicus euphorbiae (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Doliopygus malkini* Schedl, *Hypothenemus glabripennis* (Hopkins), *Hypothenemus opacus* (Eichhoff), *Premnobius cavipennis* Eichhoff, *Pseudothyssanoes concentrata* Wood, *Pseudoxylechinus rugatus* Wood & Huang, *Xyleborus horridus* Eichhoff, *Xylosandrus compactus* (Eichhoff).

Cassia tora

Xylosandrus compactus (Eichhoff).

Cassiniae spp.

Lanurgus spatulatus Schedl, *Lanurgus xylographus* Schedl.

Cassipourea eliottii

Doliopygus ghesquieri (Schedl), *Platypus orientalis* (Strohmeyer).

Cassipourea gummiflua

Platypus sampsoni (Schedl).

Cassipourea spp.

Doliopygus nairobiensis (Schedl), *Platypus madagascariensis* Chapuis, *Platypus pennatus* Schedl, *Scolytotplatypus kiuensis* Schedl, *Xyleborinus adhucis* (Schedl), *Xyleborinus signatipennis* (Schedl), *Xylosandrus hirsutipennis* (Schedl).

Castanea argentea

Arixyleborus castaneae Schedl, *Baicius perinimicus* (Schedl), *Coptodryas myristicae* (Schedl), *Crossotarsus nitidulus* (Schedl), *Crossotarsus terminatus* Chapuis, *Diaprus quinquespinatus* Chapuis, *Hadrodennius globus* (Blandford), *Platypus fraterculus* Schedl, *Platypus sexporus* (Schedl), *Platypus tenuissimus* Schedl, *Xyleborus cancellatus* Eggers, *Xyleborus emarginatus* Eichhoff, *Xyleborus fallax* Eichhoff, *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).

Castanea crenata

Ambrosiodmus apicalis (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Crossotarsus niponicus* Blandford, *Euwallacea validus* (Eichhoff), *Platypus calamus* Blandford, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus ashuensis* Murayama, *Xyleborus ganshoensis* Murayama, *Xyleborus laetus* Nüßima, *Xyleborus shionomisakiensis* Murayama, *Xyleborus volutus* (Fabricius), *Xylosandrus germanus* (Blandford).

Castanea dentata

Ambrosiodmus obliquus (LeConte), *Ambrosiodmus tachygraphus* (Zimmermann), *Corthylus columbianus* Hopkins, *Hylocurus rudis* (LeConte), *Hylocurus torosus* Wood, *Micracisella opacicollis* (LeConte), *Monarthrum fasciatum* (Say), *Pseudopityophthorus asperulus* (LeConte), *Pseudopityophthorus pubescens* Blackman, *Pseudothyssanoes lecontei* Blackman, *Trischidias atomus* (Hopkins).

Castanea javanica

Baiocis perimimicus (Schedl), *Diapus aculeatus* Blandford, *Diapus minor* Schedl, *Leptoxyleborus semigranulatus* (Schedl), *Platypus sexporus* (Schedl), *Platypus strigillatus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

Castanea pubinervis

Neopteleobius scutulatus (Blandford), *Xyleborus volutus* (Fabricius).

Castanea pumila

Thysanoceros lobdellii Blackman.

Castanea spp.

Amasa schlichii (Stebbing), *Ambrosiodmus rubricollis* (Eichhoff), *Hypothenemus eruditus* Westwood, *Platypus cylindrus* (Fabricius), *Xyleborus ferrugineus* (Fabricius), *Xyleborus pfeili* (Ratzeburg), *Xyleborus sayi* (Hopkins), *Xylosandrus mutilatus* (Blandford), *Xylosterinus politus* (Say).

Castanea tungurru

Arixyleborus minor (Eggers), *Diapus aculeatus* Blandford, *Platypus sexporus* (Schedl), *Xyleborinus andrewesi* (Blandford).

Castanea vesca

Platypus cylindrus (Fabricius), *Taphrorychus villifrons* (Dufour), *Xyleborus dryographus* (Ratzeburg), *Xyleborus monographus* (Fabricius).

Castanopsis acuminatissima

Arixyleborus sus (Schedl), *Crossotarsus chalcographus* Schedl, *Crossotarsus terminatus* Chapuis, *Diapus bispinus* Schedl, *Diapus nanus* Schedl, *Platypus apicatus* Schedl, *Platypus circulariceps* Schedl, *Platypus opacicauda* Browne, *Platypus sulcinodis* Schedl, *Webbia quadricinctus* Schedl.

Castanopsis cuspidata

Platypus quercivorus Murayama, *Xyleborus bispinus* Nobuchi, *Xyleborus japonicus* Nobuchi, *Xyleborus kaimochii* Nobuchi, *Xyleborus misatoensis* Nobuchi, *Xyleborus wakayamensis* Nobuchi.

Castanopsis cuspidata sieboldii

Ambrosiodmus lewisi (Blandford), *Platypus calamus* Blandford, *Platypus quercivorus* Murayama, *Xyleborus atratus* Eichhoff, *Xyleborus seiryorensis* Murayama.

Castanopsis fargesii

Scolytotlatypus superciliosus Tsai & Huang.

Castanopsis hystrix

Coccotrypes nubilus (Blandford), *Diapus quadrispinatus* Chapuis, *Diapus quinquespinatus* Chapuis, *Diapus spatulifer* Browne, *Indocryphalus intermedius* (Sampson).

Castanopsis indica

Ambrosiodmus lewisi (Blandford), *Euwallacea interjectus* (Blandford).

Castanopsis kawakamii

Platypus taiheizanensis (Murayama).

Castanopsis megacarpa

Arixyleborus leprosulus Schedl.

Castanopsis spp.

Amasa schlichii (Stebbing), *Ambrosiodmus apicalis* (Blandford), *Arixyleborus canaliculatus* (Eggers), *Arixyleborus granifer* (Eichhoff), *Arixyleborus granulifer* (Eggers), *Coccotrypes longior* (Eggers), *Coptoborus bicuspis* (Eggers), *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Cryphalus longior* Browne, *Cyclorhipidion agnatum* (Eggers), *Cyclorhipidion circumcisum* (Sampson), *Cyrtogenius gracilinus* Wood, *Diapus amblylaminatus* Roberts, *Diapus bilunatus* Schedl, *Diapus latespinis* Schedl, *Diapus nanodontus* Roberts, *Diapus nanus* Schedl, *Diapus ne-*

ulosus Roberts, *Diapus papuanus* Schedl, *Diapus perpygmaeus* Roberts, *Diapus pusillinus* Chapuis, *Diapus robustus* Schedl, *Diapus turgidus* Roberts, *Diapus unispinus* Roberts, *Hyledius tuberculosus* (Browne), *Leptoxyleborus depressus* (Eggers), *Leptoxyleborus scabrior* (Schedl), *Platypus cognatus* Roberts, *Platypus decens* Sampson, *Platypus platypoides* (Browne), *Platypus pseudocupulatus* Schedl, *Platypus quercivorus* Murayama, *Platypus sepaloideus* Roberts, *Scolytogenes bicolor* (Browne), *Xyleborus armiger* Schedl, *Xyleborus arnipennis* Schedl, *Xyleborus brevicollis* Browne, *Xyleborus emarginatus* Eichhoff, *Xyleborus pelliculosus* Eichhoff, *Xyleborus perforans* (Wollaston), *Xyleborus seriatus* Blandford, *Xyleborus tunggali* Schedl, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus germanus* (Blandford), *Xylosandrus morigerus* (Blandford).

Castanopsis sumatrana

Amasa schlichii (Stebbing), *Arixyleborus leprosulus* Schedl, *Arixyleborus suturalis* (Eggers), *Baiocis pernanulus* (Schedl), *Cnestus aterrimus* (Eggers), *Coptoborus longicauda* (Browne), *Coptodryas nugax* (Schedl), *Crossotarsus declivioratus* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus longicollis* Browne, *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Cyclorhipidion punctatopilosum* (Schedl), *Eccoptopterus limbus* Sampson, *Indocryphalus tropicus* (Browne), *Platypus dignus* Schedl, *Platypus pseudosolidus* Schedl, *Platypus quercinus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborus latus* Eggers.

Castanopsis tribuloides

Crossotarsus externedentatus (Fairmaire), *Diapus quinquespinatus* Chapuis, *Euwallacea bicolor* (Blandford), *Platypus cavus* Strohmeier, *Platypus decens* Sampson, *Platypus lepidus* Chapuis, *Platypus solidus* Walker, *Platypus uncinatus* Blandford, *Xyleborus fallax* Eichhoff, *Xyleborus perforans* (Wollaston).

Castanospermum australe

Xyleborus perforans (Wollaston), *Xyleborus similis* Ferrari.

Castanospermum spp.

Ambrosiodmus compressus (Lea), *Platypus biuncus* Blandford, *Xyleborinus andrewesi* (Blandford).

Castilloa costaricensis

Platypus hians Chapuis.

Castilloa elastica

Xyleborus affinis Eichhoff.

Castilloa spp.

Doliopygus brevis (Strohmeier), *Doliopygus tenuis* (Strohmeier).

Casuarina cunninghamii

Xyleborus perforans (Wollaston).

Casuarina equisetifolia

Crossotarsus externedentatus (Fairmaire), *Xylosandrus crassiusculus* (Motschulsky).

Casuarina oligoderes

Platypus heteromorphus Schedl, *Platypus incertus* Schedl.

Casuarina spp.

Diapus papuanus Schedl, *Hypothenemus melasomus* (Lea), *Platypus navarrodeandradei* Marelli, *Premnobius sexspinosus* Eggers.

Catha edulis

Strombophorus flavipubens Schedl.

Catostemma spp.

Platypus tiriensis Reichardt.

Cattleya spp.

Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).

Gayaponia ficifolia

Dendrocraniulus barbatus Schedl, *Dendrocraniulus tayuyaensis* Schedl.

Gayaponia microdonta

Dendrocraniulus consimilis Wood, *Dendrocraniulus costaricensis* Schedl, *Dendrocraniulus diversus* Wood, *Dendrocraniulus guatemalensis* (Hopkins), *Dendrocraniulus naurus* (Blandford), *Dendrocraniulus tardus* Schedl, *Dendrocraniulus vicinus* Wood, *Hypothenemus plumieriae* (Nordlinger).

Ceanothus integerrimus

Pseudothysanoes spinura Wood, *Stenoclyptus sulcatus* (Bruck).

Ceanothus spp.

Hylocurus hirtellus (LeConte).

Cecropia peltata

Corthylus cecropii Wood, *Platypus dentatus* Dalman, *Scolytodes cecropiavorus* Wood, *Scolytodes cecropii* (Schedl), *Scolytodes piceus* (Blandford), *Tricolus cecropii* Wood, *Xyleborus affinis* Eichhoff.

Cecropia spp.

Araput costaricensis (Schedl), *Chramesus cecropiae* Wood, *Corthycyclon tardum* Wood, *Corthylus nanus* Wood, *Corthylus strigilis* Wood, *Hypothenemus seriatus* (Eichhoff), *Hypothenemus setosus* (Eichhoff), *Hypothenemus suspectus* Wood, *Hypothenemus teretis* Wood, *Scolytodes acares* Wood, *Scolytodes anceps* Wood, *Scolytodes blandfordi* (Schedl), *Scolytodes cecropicolens* Wood, *Scolytodes chapuisi* Wood, *Scolytodes festus* Wood, *Scolytodes glabrescens* Wood, *Scolytodes jucundus* Wood, *Scolytodes naurus* (Blandford), *Scolytodes parvulus* Wood, *Scolytodes perditus* Wood, *Scolytodes saturalis* Wood, *Theoborus inculcus* (Wood), *Tricolus intrusus* Wood, *Tricolus nodifer* Blandford, *Xyleborinus tribuloides* Wood, *Xyleborus spinulosus* Blandford.

Cedrela fissilis

Ambrosiodmus catharinensis (Eggers), *Monarthrum bicallosum* (Schedl), *Platypus pulicaris* Chapuis, *Platypus quadrispinatus* Chapuis, *Tesserocerus guerini* Chapuis, *Tesserocerus insignis* (Saunders), *Xyleborinus gracilis* (Eichhoff), *Xyleborinus opimulus* (Schedl), *Xyleborinus sentosus* (Eichhoff), *Xylosandrus retusus* (Eichhoff).

Cedrela mexicana

Ambrosiodmus devexus (Wood), *Ambrosiodmus hagedorni* (Iglesias), *Ambrosiodmus lecontei* Hopkins, *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Phloeotribus setulosus* Eichhoff, *Platypus clunis* Wood, *Platypus hintzi* Schaufuss, *Pycnarthrum lucidum* Wood, *Scolytodes cedrelae* Wood, *Xyleborus volvulus* (Fabricius).

Cedrela odorata

Crossotarsus externedentatus (Fairmaire), *Doliopygus chapuisi* (Duvivier).

Cedrela serrata

Carchesiopygus psilanthurus (Beeson), *Crossotarsus musooriensis* Beeson, *Crossotarsus wilmoti* (Stebbing).

Cedrela spp.

Campocerus auricomus Blandford, *Dendrocraniulus brasiliensis* (Schedl), *Mitosoma lobatum* Schedl, *Mitosoma obliquatum* Schedl, *Mitosoma obconiceps* Schedl, *Scolytodes scieteniae* (Blackman), *Xyleborus affinis*

Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius), *Xylosandrus morigerus* (Blandford).

Cedrela toona

Platypus parallelus (Fabricius), *Platypus uncinatus* Blandford, *Xyleborus perforans* (Wollaston), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).

Cedrela toona australis

Xyleborus perforans (Wollaston).

Cedrus amarga

Tesserocerus belti Sharp.

Cedrus atlantica

Hylurgops batnensis (Brisout), *Hylurgops bonvouloiri* (Chapuis).

Cedrus deodara

Crossotarsus coniferae Stebbing, *Crossotarsus fairmairei* Chapuis, *Crossotarsus wilmoti* (Stebbing), *Crypturgus beesoni* Eggers, *Crypturgus pusillus* (Gyllenhal), *Diapus quadrispinatus* Chapuis, *Diapus quinquespinatus* Chapuis, *Ips stebbingi* Strohmeyer, *Pityogenes scitus* Blandford, *Pityophthorus cedri* Wood, *Pityophthorus deodara* (Stebbing), *Polygraphus aterrimus* Strohmeyer, *Polygraphus major* Stebbing, *Polygraphus pini* Stebbing, *Scolytoplastypus raja* Blandford, *Scolytoplastypus siomio* Blandford, *Scolytus major* Stebbing.

Cedrus libani

Crypturgus pusillus (Gyllenhal), *Phloeosinus acatayi* Schedl.

Cedrus libanotica

Carphoborus minimus (Fabricius), *Crypturgus numidicus* Ferrari, *Ips robustus* (Knotek), *Phloeosinus acatayi* Schedl.

Cedrus spp.

Hylurgops glabratus (Zetterstedt), *Hylurgops palliatus* (Gyllenhal), *Scolytoplastypus fasciatus* Hagedorn, *Trypodendron lineatum* (Olivier).

Ceiba pentandra

Chaetastus tuberculatus (Chapuis), *Doliopygus serratus* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Platypus hintzi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

Ceiba spp.

Doliopygus dubius (Sampson), *Hypothenemus ceibae* Hopkins, *Scolytodes retifer* Wood.

Ceiba thoningii

Doliopygus conradti (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Celtis adolfi-frederici

Doliopygus retusus Schedl, *Doliopygus serratus* (Strohmeyer), *Platypus intermedius* (Schedl), *Trachyostus aterrimus* (Schaufuss).

Celtis africana

Strombophorus capensis Schedl.

Celtis brieii

Chaetastus tuberculatus (Chapuis), *Chortastus camerunus* Schaufuss, *Doliopygus artespianatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus ghesquieri* (Schedl), *Doliopygus jurioni* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus subdolosus* Schedl, *Hypothenemus pubipennis* (Eggers), *Periommatatus circularis* Schedl, *Periommatatus excisus* Strohmeyer, *Periommatatus grandis* Schedl, *Platy-*

pus hintzi Schaufuss, *Platypus intermedius* (Schedl), *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborinus spinipes* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus subtuberculatus* Eggers.

Celtis brownii

Doliopygus conradti (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Periommatatus grandis* Schedl, *Periommatatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

Celtis durandii

Chaetastus tuberculatus (Chapuis), *Strombophorus celtis* Schedl, *Xyleborus alluaudi* Schaufuss.

Celtis iguanae

Chramesus orinocensis Wood, *Chramesus subopacus* Schaeffer, *Hypothenemus brunneus* (Hopkins), *Micracis festivus* Wood, *Micracis suainei* Blackman, *Phloeotribus opinus* Wood, *Phloeotribus setulosus* Eichhoff, *Phloeotribus texanus* Schaeffer, *Pseudothyssanoes subpilosus* (Wood).

Celtis kraussiana

Strombophorus celtis Schedl.

Celtis laevigata

Hylocurus parkinsoniae Blackman, *Hypothenemus brunneus* (Hopkins), *Hypothenemus eruditus* Westwood, *Phloeotribus texanus* Schaeffer.

Celtis luzonica

Xylosandrus crassiusculus (Motschulsky), *Xylosandrus ursulus* (Eggers).

Celtis mildbraedii

Ambrosiodmus opacithorax (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cyclorhipidion crucipenne* (Schedl), *Doliopygus arteminatus* (Schedl), *Doliopygus brevis* (Strohmeyer), *Doliopygus chapuisi* (Duvivier), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus minutissimus* (Schedl), *Doliopygus propinquus* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus subdolosus* Schedl, *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicoloris* Schedl, *Periommatatus excisus* Strohmeyer, *Periommatatus grandis* Schedl, *Periommatatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Platypus solutus* Schedl, *Premnobius ambitiosus* (Schaufuss), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus consobrinus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus volulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Celtis mississippiensis

Hypothenemus eruditus Westwood.

Celtis occidentalis

Chramesus chapuisi LeConte, *Phloeotribus dentifrons* (Blackman), *Phloeotribus frontalis* (Olivier), *Scolytus muticus* Say.

Celtis pallida

Hylocurus langstoni Blackman, *Hypothenemus sparsus* Hopkins.

Celtis sinensis

Cryphalus exiguus Blandford, *Eucallacea validus* (Eichhoff).

Celtis soyauxii

Chaetastus tuberculatus (Chapuis), *Dactylipalpus camerunus* Hagedorn, *Doliopygus bidentatus* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus medius* Schedl, *Doliopygus serratus* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Mesoplatypus ventricornis* Schedl, *Mesoplatypus venustus* Schedl, *Periommatatus bispinus* Strohmeyer, *Periommatatus grandis* Schedl, *Periommatatus longicollis* Chapuis, *Platypus solutus* Schedl, *Premnobius ambitiosus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius).

Celtis spp.

Ambrosiodmus albizzianus (Schedl), *Ambrosiodmus eichhoffi* (Schreiner), *Ambrosiodmus obliquus* (LeConte), *Chramesus chapuisi* LeConte, *Chramesus subopacus* Schaeffer, *Coptoborus usagarius* (Eggers), *Cyclorhipidion crucifer* (Hagedorn), *Cyclorhipidion crucipenne* (Schedl), *Cylindropalpus sulcatus* Browne, *Diamerus impar* Chapuis, *Diapus pusillimus* Chapuis, *Doliopygus coelocephalus* (Schaufuss), *Doliopygus mimicus* (Schedl), *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus unicus* (Schedl), *Hylocurus langstoni* Blackman, *Hylocurus torosus* Wood, *Phloeotribus dentifrons* (Blackman), *Periommatatus grandis* Schedl, *Platypus lesiniformis* Roberts, *Platypus solidus* Walker, *Premnobius cavipennis* Eichhoff, *Premnobius sexpinosus* Eggers, *Pseudothyssanoes lecontei* Blackman, *Scolytogenes onynganus* (Schedl), *Scolytotplatypus kivuensis* Schedl, *Scolytus fagi* Walsh, *Thysanoes fimbricornis* LeConte, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus spinipes* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus dispar* (Fabricius), *Xyleborus pseudoambasius* Schedl.

Celtis wrightia

Crossotarsus javanus Beeson.

Celtis zenkerii

Ambrosiodmus camphorae (Hagedorn), *Chaetastus tuberculatus* (Chapuis), *Cyclorhipidion sulcipenne* (Eggers), *Cyclorhipidion teclae* (Schedl), *Doliopygus arteminatus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Periommatatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Rhopalopselion conjungens* Schedl, *Strombophorus ericinus* (Schaufuss), *Trachyostus aterrimus* (Schaufuss), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus consobrinus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Centrosema plumieri

Hypothenemus eruditus Westwood, *Xylosandrus morigerus* (Blandford).

Cephalosphaera usambariensis

Doliopygus bidentatus (Strohmeyer), *Platypus hintzi* Schaufuss.

Cerasus arium*Platypus cylindrus* (Fabricius).**Ceratonia siliqua***Platypus solidus* Walker, *Taphrorychus ceratoniae* Peverimhoff.**Ceratonia spp.***Araptus hymenacae* (Eggers).**Ceratopetalum succirubrum***Platypus australis* Chapuis.**Cerbera manghas***Scolytogenes granulatus* (Wood).**Cerbera odollum***Platypus viticensis* Roberts.**Cercidiphyllum japonicum***Neopteleobius scutellatus* (Blandford), *Platypus modestus* Blandford, *Xyleborus aquilus* Blandford.**Cercidium microphyllum***Chaetophloeus parkinsoniae* (Blackman).**Cercidium spp.***Hylocurus parkinsoniae* Blackman.**Cercis canadensis***Hypothenemus cruditus* Westwood, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus rotundicollis* (Eichhoff), *Micracis suturalis* LeConte, *Micracis swainei* Blackman, *Pityophthorus lautus* Eichhoff.**Cercis siliquastrum***Carphoborus perrisi* (Chapuis).**Cercis spp.***Ambrosiodmus rubricollis* (Eichhoff), *Ambrosiodmus tachygraphus* (Zimmermann).**Cercocarpus spp.***Chaetophloeus heterodoxus* (Casey), *Corthylus punctatissimus* (Zimmermann).**Cereus spp.***Cactopinus cactophthorus* Wood, *Cactopinus carinatus* Wood, *Cactopinus granulifer* Wood, *Cactopinus microcornis* Wood, *Cactopinus nasutus* Wood, *Cactopinus niger* Wood.**Ceriops candolleana***Coccotrypes fallax* (Eggers).**Cespedesia macrophylla***Cnemonix furvescens* Wood, *Xyleborinus dirus* Wood, *Xyleborus affinis* Eichhoff.**Cestrum scandens***Chramesus bicolor* Wood, *Scolytogenes parvatis* (Wood), *Stegomerus pygmaeus* Wood.**Cestrum spp.***Xylosandrus compactus* (Eichhoff).**Chaetacme spp.***Doliopygus excavatus* (Sampson).**Chamaecyparis formosanus***Phloeosinus arisanus* Niisima.**Chamaecyparis nootkatensis***Phloeosinus cupressi* Hopkins, *Phloeosinus keeni* Blackman, *Phloeosinus punctatus* LeConte, *Phloeosinus sequoiae* Hopkins.**Chamaecyparis obtusa***Cryphalus chamaecypariae* Niisima, *Euwallacea validus* (Eichhoff), *Phloeosinus gifuensis* Murayama, *Phloeosinus rudis* Blandford, *Phloeosinus sannohensis* Murayama, *Phloeosinus seriatus* Blandford, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus aquilus* Blandford, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus germanus* (Blandford).**Chamaecyparis spp.***Phloeosinus lewisi* Chapuis, *Phloeosinus perlatus* Cha-puis, *Phloeosinus thujae* (Perris), *Xyleborus seriatus* Blandford.**Chamaecyparis thyoides***Phloeosinus dentatus* (Say).**Chamaedorea spp.***Coccotrypes dactyliperda* (Fabricius).**Chamerops excelsa***Coccotrypes dactyliperda* (Fabricius).**Chamerops gracilis***Coccotrypes dactyliperda* (Fabricius).**Chamerops humilis***Coccotrypes dactyliperda* (Fabricius).**Chamerops spp.***Coccotrypes dactyliperda* (Fabricius).**Chaetocarpus echinocarpus***Xyleborus parcellus* Wood.**Cheirodendron spp.***Xyleborus hawaiiensis* Perkins, *Xyleborus hiia* Samuelson, *Xyleborus kauaiensis* Perkins, *Xyleborus pcle* Samuelson, *Xyleborus temetiuicus* Beeson.**Cheirodendron trigynum***Xyleborus mauensis* Perkins, *Xyleborus molokaiensis* Perkins.**Chenopodium ambrosioides***Cryptocarenum seriatus* Eggers.**Chenopodium spp.***Euwallacea xanthopus* (Eichhoff), *Xyleborus principalis* Eichhoff.**Chisocheton glomeratus***Leptoxyleborus concisus* (Blandford).**Chlorocodon whitei***Mimiocurus congonus* (Schedl).**Chlorophora excelsa***Chaetastus tuberculatus* (Chapuis), *Cyclorhipidion crucipenne* (Schedl), *Cylindropalpus laudatus* (Schedl), *Cyrtogenius chlorophorae* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquieri* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Euwallacea fornicatus* (Eichhoff), *Hypothenemus biseriatus* (Eggers), *Periommatius angustior* Schedl, *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius nitidicollis* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus consobrinus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xyleborus volubus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).**Chloroxylon suietenia***Cnestus magnus* Sampson, *Platypus solidus* Walker, *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).**Chomelia spp.***Euwallacea xanthopus* (Eichhoff), *Platypus orientalis* (Strohmeyer).**Chrysalidocarpus spp.***Coccotrypes carpophagus* (Hornung).**Chrysobalanus spp.***Xylosandrus zimmermanni* (Hopkins).

Chrysolepsis spp.

Monarthrum scutellare (LeConte).

Chrysophyllum africanum

Coccotrypes rotundicollis (Eggers), *Cylindropalpus interpositus* (Schedl), *Cylindropalpus pumilio* (Schedl), *Cylindropalpus pusillus* (Schedl), *Doliopygus bidentatus* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus crichsoni* (Chapuis), *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditicus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Periommatatus grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Polygraphus ruandae* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ficus* Eggers.

Chrysophyllum albidum

Chaetastus tuberculatus (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Periommatatus grandis* Schedl, *Periommatatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Xyloctonus quadricinctus* Schedl.

Chrysophyllum boivinianum

Mitosoma accuratum Schaufuss, *Mitosoma excisum* Schaufuss, *Mitosoma obliquatum* Schedl, *Mitosoma paulianum* Schedl, *Platypus madagascariensis* Chapuis, *Xyleborinus diapiformis* (Schedl), *Xyleborinus forficuloides* (Schedl), *Xyleborinus spiculatus* (Schaufuss), *Xyleborinus spinosus* (Schaufuss), *Xyleborus alluaudi* Schaufuss, *Xyleborus antaisaka* Schedl.

Chrysophyllum lacourtianum

Cylindropalpus camerunus (Schedl), *Cylindropalpus interpositus* (Schedl), *Cylindropalpus pumilio* (Schedl), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus donisi* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus fulgens* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus ater* (Eggers), *Periommatatus excisus* Strohmeyer, *Platypus intermedius* (Schedl), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson).

Chrysophyllum ludovicianum

Dactylipalpus camerunus Hagedorn, *Hypothenemus biseriatus* (Eggers), *Xyleborus africanus* Eggers.

Chrysophyllum metallicum

Cylindropalpus affinis Strohmeyer.

Chrysophyllum natalensis

Cylindropalpus affinis Strohmeyer.

Chrysophyllum perpulchrum

Cylindropalpus affinis Strohmeyer, *Cylindropalpus pumilio* (Schedl), *Xyleborus ambasiusculus* Eggers.

Chrysophyllum pruniferum

Chaetastus tuberculatus (Chapuis), *Cylindropalpus interpositus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus maynei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatatus excisus* Strohmeyer, *Periommatatus grandis* Schedl, *Periommatatus*

longicollis Chapuis, *Platypus hintzi* Schaufuss, *Platypus schenkingi* (Strohmeyer), *Trachyostus aterrimus* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus multi-spinatus* Eggers, *Xyleborus volutus* (Fabricius).

Chrysophyllum roxburghii

Coptodryas alpha (Beeson), *Coptodryas chrysophylli* (Eggers), *Coptodryas perparva* (Sampson), *Platypus forficula* Chapuis, *Platypus pseudocupulatus* Schedl.

Chrysophyllum spp.

Cylindropalpus auricomans (Schaufuss), *Cylindropalpus granulatus* (Schedl), *Cylindropalpus pertinax* (Schedl), *Dactylipalpus grouvellei* (Blandford), *Doliopygus retusus* Schedl, *Hypothenemus camerunus* (Eggers), *Premnobius capipennis* Eichhoff, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyloctonus opacus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

Chrysophyllum subnudum

Xyleborus alluaudi Schaufuss.

Cicer arietinum

Araptus hymenaeae (Eggers).

Cillaeus contractus

Strombophorus vagans Schedl.

Cinchona calisaya

Euwallacea fornicatus (Eichhoff).

Cinchona ledgeriana

Ambrosiodmus aegir (Eggers), *Crossotarsus horni* Schedl, *Eccoptopterus spinosus* (Olivier), *Euwallacea xanthopus* (Eichhoff), *Hylesinopsis seriatus* (Eggers), *Rhopalopselin congonum* (Schedl), *Scolytotplatypus hova* Schaufuss, *Xyleborus principalis* Eichhoff, *Xyleborinus quadrispinosus* (Eichhoff).

Cinchona spp.

Arixyleborus tuberculatus (Eggers), *Cnestus aterrimus* (Eggers), *Cnestus bicornis* (Eggers), *Coptoborus usagaricus* (Eggers), *Euwallacea xanthopus* (Eichhoff), *Leptoxyleborus concisus* (Blandford), *Scolytotplatypus nitidus* Eggers, *Scolytotplatypus pernirius* Schaufuss, *Xyleborinus andrewesi* (Blandford), *Xyleborinus collarti* (Eggers), *Xyleborus emarginatus* Eichhoff, *Xyleborus mucronatus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).

Cinchona succirubra

Ambrosiodmus camphorae (Hagedorn), *Platypus madagascariensis* Chapuis, *Scolytotplatypus hova* Schaufuss, *Xyleborinus aduncus* (Schedl), *Xyleborinus quadrispinosus* (Eichhoff), *Xyleborus malgasicus* Schedl.

Cinnamomum baileyianum

Xyleborus perforans (Wollaston).

Cinnamomum camphora

Ambrosiodmus lewisi (Blandford), *Arixyleborus camphorae* (Eggers), *Baiciis perinimicus* (Schedl), *Cnestus murayamai* Schedl, *Coptodryas izuensis* (Murayama), *Crossotarsus externedenatus* (Fairmaire), *Diapus minor* Schedl, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Leptoxyleborus semigranulatus* (Schedl), *Phloeosinus camphoratus* Tsai & Yin, *Phloeosinus kumamotoensis* Murayama, *Phloeosinus machilus* (Schedl), *Phloeosinus seriatus* Blandford, *Platypus fraterculus* Schedl, *Platypus substriatus* (Schedl), *Platypus vethi* Strohmeyer, *Scolytotplatypus mikado* Blandford, *Taphrorychus taradakensis* (Murayama), *Xyleborus atratus* Eichhoff, *Xyleborus clerodendronae* Schedl, *Xyleborus kumamotoensis* Murayama, *Xyleborus magnus* Nüßima, *Xyleborus perforans* (Wollaston), *Xylosandrus compactus* (Eichhoff), *Xylosandrus*

crassiusculus (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus mutilatus* (Blandford).

Cinnamomum cecicodaphne

Crossotarsus cinnamomi Beeson, *Crossotarsus squamulatus* Chapuis, *Hadrodemius pseudocomans* (Eggers), *Xylosandrus gravidus* (Blandford).

Cinnamomum impressinervium

Indocryptophalus machili Wood.

Cinnamomum iners

Cnestus aterrimus (Eggers), *Crossotarsus squamulatus* Chapuis, *Crossotarsus terminatus* Chapuis, *Xyleborinus exiguus* (Walker), *Xylosandrus compactus* (Eichhoff).

Cinnamomum japonicum

Indocryptophalus pubipennis (Blandford), *Xylosandrus brevis* (Eichhoff).

Cinnamomum mairei

Amasa amputatus (Blandford).

Cinnamomum obtusifolium

Ambrosiodinus lewisi (Blandford), *Sucus niisimai* (Eggers), *Xylosandrus subsinilis* (Eggers).

Cinnamomum randiense

Xyleborus atratus Eichhoff.

Cinnamomum spp.

Amasa amputatus (Blandford), *Ambrosiodinus rubricollis* (Eichhoff), *Crossotarsus rengentensis* Niisima & Murayama, *Crossotarsus squamulatus* Chapuis, *Eucallacea barbatus* (Hagedorn), *Eucallacea fornicatus* (Eichhoff), *Hadrodemius globus* (Blandford), *Platypus capito* Browne, *Platypus secretus* Sampson, *Platypus semigranosus* (Sampson), *Platypus solidus* Walker, *Platypus strenuus* Schedl, *Xyleborinus andreweesi* (Blandford), *Xyleborus adusticollis* (Motschulsky), *Xyleborus artocylindrus* Schedl, *Xyleborus justus* Schedl, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus arquatus* (Sampson), *Xylosandrus ater* (Eggers), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus compactus* (Eichhoff).

Cinnamomum zeylanicum

Coccotrypes cinnamomi (Eggers), *Coccotrypes dactyliperda* (Fabricius), *Coptodryas nudipennis* (Schedl), *Xyleborinus andreweesi* (Blandford), *Xyleborinus subgranulatus* (Eggers), *Xyleborus perforans* (Wollaston), *Xylosandrus compactus* (Eichhoff), *Xylosandrus nudipennis* (Schedl).

Cistanthera leplaei

Cylindropalpus auricomans (Schaufuss), *Doliopygus serratus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl.

Cistanthera papaverifera

Doliopygus conradti (Strohmeyer), *Xyleborus africanus* Eggers.

Cistanthera spp.

Doliopygus conradti (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Poligraphus kasukumbii* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus compactus* (Eichhoff).

Citrus aurantifolia

Hypothenemus columbi Hopkins, *Hypothenemus seriatus* (Eichhoff), *Theoborus ricini* (Eggers).

Citrus aurantium

Ambrosiodinus asperatus (Blandford), *Doliopygus citri* Schedl, *Eucallacea fornicatus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Xyleborus affinis* Eichhoff.

Citrus aurantium decumana

Xyleborus perforans (Wollaston).

Citrus decumana

Hypothenemus eruditus Westwood.

Citrus grandis

Xyleborus affinis Eichhoff.

Citrus maxima

Xyleborus perforans (Wollaston).

Citrus medica limonum

Hypothenemus eruditus Westwood.

Citrus sinensis

Cladotomus interruptus (Eggers), *Xyleborus horridatus* Wood, *Xyleborus perforans* (Wollaston).

Citrus spp.

Ambrosiodinus obliquus (LeConte), *Crossotarsus bonvouloiri* Chapuis, *Eucallacea fornicatus* (Eichhoff), *Eucallacea xanthopus* (Eichhoff), *Hypothenemus crudiace* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus pubipennis* (Eggers), *Sucus niisimai* (Eggers), *Xyleborus ferrugineus* (Fabricius), *Xyleborus neivai* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus spinulosus* Blandford, *Xylosandrus compactus* (Eichhoff).

Cladrastris shikokiana

Hylesinus costatus Blandford.

Claoxylon polot

Xylosandrus morigerus (Blandford).

Clausena anisata

Eucallacea xanthopus (Eichhoff).

Cleistanthus polystachyus

Phrixosoma fuscovillosa (Schedl).

Cleistanthus spp.

Doliopygus conradti (Strohmeyer), *Doliopygus lebruni* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus tenuis* (Strohmeyer), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer).

Cleistocalyx spp.

Platypus yasiyasi Roberts.

Cleistopholis glauca

Coccotrypes subovalis Eggers.

Cleistopholis patens

Acanthotomicus sexdentatus (Eggers), *Chaetastus tuberculatus* (Chapuis), *Doliopygus conradti* (Strohmeyer), *Eccoptopterus spinosus* (Olivier), *Platypus hintzi* Schaufuss, *Triozastus marshalli* (Sampson), *Xylosandrus compactus* (Eichhoff).

Cleistopholis spp.

Premnobius cavipennis Eichhoff.

Clematis cirrhosa

Xylocleptes biuncus Reitter.

Clematis orientalis

Taphromurgus exul (Reitter).

Clematis simensis

Thamnurgus elegans Schedl, *Thamnurgus granulicollis* Schedl, *Xylocleptes sidanus* (Schedl).

Clematis spp.

Chramesus incomptus Wood, *Dacnophthorus clematis* (Wood), *Dacnophthorus rallus* (Wood), *Hypothenemus brunneus* (Hopkins).

Clematis vitalba

Xylocleptes bispinus (Duftschmidt).

Clerodendron colebrookianum

Eucallacea fornicatus (Eichhoff).

Clerodendron infortunatum

Eucallacea fornicatus (Eichhoff), *Hadrodemius meta-comans* (Eggers).

Clerodendron spp.

Eucallacea fornicatus (Eichhoff), *Platypus solutus*

- Schedl, *Xyleborus clerodendronae* Schedl, *Xylosandrus compactus* (Eichhoff).
- Clerodendron squamatum**
Hypothenemus crudiae (Panzer).
- Clerodendron villosum**
Cnestus aterrimus (Eggers).
- Clethra barbinervis**
Crossotarsus niponicus Blandford.
- Clethra hondurensis**
Corthylus mexicanus Schedl, *Xyleborus affinis* Eichhoff.
- Cleyera japonica**
Eucallacea validus (Eichhoff), *Platypus calamus* Blandford, *Xyleborus aquilus* Blandford, *Xyleborus atratus* Eichhoff, *Xyleborus seriatus* Blandford, *Xylosandrus germanus* (Blandford).
- Cleyera spp.**
Xyleborus octiesdentatus Murayama.
- Clidemia hirta**
Xylosandrus morigerus (Blandford).
- Clidemia spp.**
Xylosandrus compactus (Eichhoff).
- Clitandra spp.**
Xyleborinus gracilipennis (Schedl).
- Clitandra staudtii**
Ctonoxylon acuminatus Schedl, *Doliopygus expletus* Schedl, *Platypus orientalis* (Strohmeyer), *Polygraphus apicalis* Schedl, *Polygraphus majusculus* Schedl, *Polygraphus ruandae* Schedl.
- Clitoria ternatea**
Hypothenemus eruditus Westwood.
- Cloaxylon spp.**
Platypus longissimus Roberts.
- Clusia flava**
Phrixosoma clusiae Wood.
- Clusia spp.**
Ambrosiodmus ocellatus (Wood), *Corthylus additus* Wood, *Corthylus diligens* Wood, *Microborus aberrans* Wichmann, *Microborus lectus* Wood, *Monarthrum bicolor* (Ferrari), *Monarthrum lobatum* (Ferrari), *Monarthrum nevermanni* (Schedl), *Monarthrum vittatum* (Blandford), *Phloeotribus atavus* Wood, *Phloeotribus collaris* Chapuis, *Scolytodes canaliculus* Wood, *Scolytodes clusiicola* Wood, *Scolytodes clusiae* Wood, *Scolytodes clusiavorus* Wood, *Scolytodes comitabilis* Wood, *Scolytodes crinalis* Wood, *Scolytodes fulmineus* Wood, *Scolytodes naevius* Wood, *Scolytodes ommateus* Wood, *Scolytodes praeceps* Wood, *Scolytodes proximus* Wood, *Scolytodes tardus* Wood.
- Clytastoma binatum**
Cnesinus setulosus Blandford.
- Coccoceras muticum**
Crossotarsus schedli Browne, *Crossotarsus squamulatus* Chapuis, *Platypus lunifer* Schedl.
- Coccoceras spp.**
Crossotarsus cinninnatus Chapuis.
- Coccoloba laurifolia**
Cnesinus strigicollis LeConte, *Hypothenemus eruditus* Westwood.
- Coccothrinax alta**
Hypothenemus seriatus (Eichhoff).
- Coccothrinax argentea**
Coccotrypes carpophagus (Hornung).
- Coccothrinax spp.**
Coccotrypes dactyliperda (Fabricius), *Coccotrypes distinctus* (Motschulsky).
- Cochlospermum gossypium**
Platypus uncinatus Blandford.
- Cocos australis**
Coccotrypes circumdatus Fonseca.
- Cocos nucifera**
Platypus jansoni Chapuis, *Platypus solidus* Walker, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus volutus* (Fabricius), *Xylosandrus morigerus* (Blandford).
- Cocos plumosa**
Coccotrypes dactyliperda (Fabricius).
- Cocos romanzoffiana**
Coccotrypes dactyliperda (Fabricius).
- Cocos spp.**
Coccotrypes dactyliperda (Fabricius).
- Coelocaryon preussii**
Chaestatus tuberculatus (Chapuis), *Platypus parallelus* (Fabricius), *Xyleborus alluaudi* Schauffuss, *Xylosandrus crassiusculus* (Motschulsky).
- Coelocaryon spp.**
Mesoplatypus tenuis Schedl, *Prennobiobius cavipennis* Eichhoff.
- Coelostegia griffithii**
Platypus cupulatus Chapuis.
- Coffea arabica**
Cnesinus adusticus Wood, *Cnesinus coffeae* Schedl, *Cnesinus gracilis* Blandford, *Cnesinus meris* Wood, *Cnesinus robai* Blackman, *Hylocurus elegans* Eichhoff, *Hypothenemus hampei* (Ferrari), *Hypothenemus opacus* (Eichhoff), *Monarthrum exornatum* (Schedl), *Phloeoborus punctatorugosus* Chapuis, *Xyleborus ferox* Blandford, *Xylosandrus compactus* (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus morigerus* (Blandford).
- Coffea bukobensis**
Hypothenemus seriatus (Eichhoff), *Xylosandrus compactus* (Eichhoff).
- Coffea canephora**
Xylosandrus compactus (Eichhoff).
- Coffea canephora robusta**
Xylosandrus morigerus (Blandford).
- Coffea excelsa**
Xylosandrus morigerus (Blandford).
- Coffea hybrida**
Dryocoetius coffeae (Eggers), *Xylosandrus morigerus* (Blandford).
- Coffea laurentii**
Xylosandrus discolor (Blandford).
- Coffea liberica**
Coccotrypes confusus (Eggers), *Hypothenemus hampei* (Ferrari), *Xyleborus haberkorni* Eggers, *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).
- Coffea quillon**
Xylosandrus compactus (Eichhoff).
- Coffea robusta**
Cnestus bicornis (Eggers), *Cryptocarenus lepidus* Wood, *Dryocoetoides cristatus* (Fabricius), *Hypothenemus eruditus* Westwood, *Hypothenemus hampei* (Ferrari), *Taurodemus perebeae* (Ferrari), *Xylosandrus compactus* (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus morigerus* (Blandford).
- Coffea spp.**
Ambrosiodmus aegir (Eggers), *Ambrosiodmus lecontei* Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus grandis* Schedl, *Hypothenemus libericensis*

(Hopkins), *Hypothenemus multidentatus* (Hopkins), *Hypothenemus plumierae* (Nordlinger), *Hypothenemus solitarius* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus haberkorni* Eggers, *Xyleborus mucronatus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xyleborus volutus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus retusus* (Eichhoff).

Coffea stenophylla

Xylosandrus compactus (Eichhoff).

Cola acuminata

Doliopygus conradti (Strohmeyer), *Doliopygus serratus* (Strohmeyer), *Miocryphalus attenuatus* (Eggers), *Xylosandrus morigerus* (Blandford).

Cola caricifolia

Rhopalopselion thompsoni Schedl, *Tiarophorus intermedius* Schedl.

Cola chlamydantha

Doliopygus conradti (Strohmeyer), *Doliopygus medius* Schedl, *Hypothenemus eruditus* Westwood, *Periommatatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius).

Cola congolana

Doliopygus conradti (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus colae* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborus alluaudi* Schaufuss.

Cola diversifolia

Rhopalopselion atrum Eggers.

Cola gigantea

Doliopygus pseudoserratus Roberts, *Doliopygus punctiventris* Schedl, *Platypus hintzi* Schaufuss, *Trachyostus aterrimus* (Schaufuss).

Cola griseiflora

Doliopygus conradti (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus expletus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus colae* (Schedl), *Hypothenemus eruditus* Westwood, *Hypothenemus pubipennis* (Eggers), *Hypothenemus socialis* (Schedl), *Platypus impressus* (Strohmeyer), *Xyleborus alluaudi* Schaufuss.

Cola nitida

Cylindropalpus auricomans (Schaufuss), *Doliopygus serratus* (Strohmeyer), *Miocryphalus attenuatus* (Eggers), *Periommatatus excisus* Strohmeyer, *Xyleborus baranbuensis* Eggers, *Xylosandrus compactus* (Eichhoff).

***Cola* spp.**

Araptus politus (Blandford), *Doliopygus propinquus* Schedl, *Doliopygus serratus* (Strohmeyer).

***Coleus* spp.**

Eucallacea xanthopus (Eichhoff), *Xyleborinus forficuloides* (Schedl), *Xyleborinus forficulus* (Eggers).

Colophylum walkeri

Platypus furcatus Blandford.

Colutea arborescens

Phloeotribus brevicollis (Kolenati).

Colvillea racemosa

Platypus parallelus (Fabricius).

***Colvillea* spp.**

Eucallacea fornicatus (Eichhoff).

Colyidium elongatum

Xyleborinus saxeseni (Ratzeburg).

Colyidium lineola

Xyleborinus saxeseni (Ratzeburg).

Combretodendron africanum

Cylindropalpus auricomans (Schaufuss), *Doliopygus lefevrei* Schedl, *Doliopygus retusus* Schedl, *Doliopygus semipilosus* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus scobinatus* Hagedorn.

Combretodendron macrophyllum

Chaetastus persimilis (Schedl), *Chaetastus tuberculatus* (Chapuis), *Coccotrypes cylindricus* (Eggers), *Cylindropalpus granulatus* (Schedl), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquierei* (Schedl), *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus retusus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus semipilosus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicomis* Schedl, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volutus* (Fabricius).

***Combretodendron* spp.**

Ambrosiodmus tropicus (Hagedorn), *Platypus hintzi* Schaufuss, *Premnobius capipennis* Eichhoff.

Combretum gueinzii

Xyleborus ugandensis Schedl.

Combretum oblongum

Chaetastus tuberculatus (Chapuis), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus erichsoni* (Chapuis), *Doliopygus galerus* (Schedl), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus pygmaeolus* Schedl, *Trachyostus schaufussi* (Strohmeyer).

Combretum paniculatum

Scolytiplatypus armatus Eggers.

***Combretum* spp.**

Doliopygus erichsoni (Chapuis), *Scolytus binodus* Wood.

Commidendron robustum

Xyleborinus aemulus (Wollaston).

***Commiphora* spp.**

Mitosoma obconiceps Schedl, *Platypus madagascariensis* Chapuis.

Condalia obtusifolia

Chramesus subopacus Schaeffer, *Hylocurus parkinsoniae* Blackman, *Hypothenemus brunneus* (Hopkins), *Phloeotribus dentifrons* (Blackman), *Phloeotribus texanus* Schaeffer, *Pseudothysanoses heliura* Wood.

***Condalia* spp.**

Chramesus subopacus Schaeffer, *Hypothenemus erectus* LeConte, *Hypothenemus sparsus* Hopkins.

Conocarpus erectus

Cnesinus setulosus Blandford, *Cryptocarenus seriatus* Eggers, *Hypothenemus javanus* (Eggers), *Micracisella nanula* (LeConte).

Conopharyngia durissima

Phrixosoma garciniae (Schedl), *Phrixosoma uniseriata* (Eggers), *Polygraphus tenuis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).

Conopharyngia holzkii

Xyloctonus niger Schedl.

Conopharyngia spp.

Chaetastus tuberculatus (Chapuis), *Platypus impressus* (Strohmeyer), *Xyleborinus collarti* (Eggers).

Conostegia oerstediana

Amphicranus fastigiatus Blandford, *Corthyocyclon morulum* Wood, *Corthylocurus barbatus* (Blandford), *Corthylus concisus* Wood, *Microcorthylus demissus* Wood, *Microcorthylus ocularis* Wood, *Microcorthylus pumilus* Wood, *Monarthrum bidens* (Blandford), *Monarthrum pennatum* (Schedl), *Monarthrum proprium* Wood, *Taurodemus saltini* (Blandford), *Xyleborus meritus* Wood, *Xyleborus squamulatus* Eichhoff.

Copaifera langsdorfi

Xyleborus parcellus Wood.

Copaifera spp.

Xyleborus spathipennis Eichhoff.

Coprosma spp.

Xylosandrus compactus (Eichhoff).

Cordia caffra

Lanurgus podocarpi Schedl.

Cordia dichotoma

Eucallacea andamanensis (Blandford), *Xylosandrus mancus* (Blandford).

Cordia grandis

Coptodryas alpha (Beeson), *Eucallacea andamanensis* (Blandford).

Cordia millenii

Chaetastus tuberculatus (Chapuis).

Cordia myxa

Xyleborus perforans (Wollaston), *Xylosandrus mancus* (Blandford).

Cordia senegalensis

Doliopygus bulbifer Schedl.

Cordia spp.

Coptoborus pseudotenius (Schedl), *Doliopygus excavatus* (Sampson), *Doliopygus nairobiensis* (Schedl), *Hypothenemus seriatus* (Eichhoff), *Theoborus micarius* (Wood), *Xylosandrus compactus* (Eichhoff).

Cordyline australis

Platypus apicalis (White).

Cordyline terminalis

Xyleborus ferrugineus (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus rugatus* Blackburn.

Cornus controversa

Hyorrhynchus lewisi Blandford, *Pseudohyorrhynchus wadai* Murayama, *Suesus niisimai* (Eggers).

Cornus florida

Hypothenemus eruditus Westwood, *Xyleborinus saxe-seni* (Ratzeburg), *Xylosandrus germanus* (Blandford).

Cornus macrophylla

Scolytotplatypus minimus Hagedorn, *Scolytotplatypus raja* Blandford.

Cornus spp.

Ambrosiodmus rubricollis (Eichhoff), *Corthylus punctatissimus* (Zimmermann), *Hypothenemus eruditus* Westwood, *Scolytotplatypus daimio* Blandford, *Scolytotplatypus mikado* Blandford, *Xyleborus sayi* (Hopkins), *Xylosandrus mutilatus* (Blandford).

Cornus tartarica

Hypothenemus corni Kurenzov.

Corylus avellana

Dryocoetes alni (Georg), *Lymanator aceris* (Lindemann), *Lymanator coryli* (Perris).

Corylus mandshurica

Cryphalus mandschuricus Eggers, *Xyleborus maiche* (Stark).

Corylus spp.

Corthylus punctatissimus (Zimmermann), *Cryphalus mandschuricus* Eggers, *Scolytus laevis* Chapuis, *Tiarophorus scrutator* (Pandelle).

Cossia arabica

Coccotrypes cyperi (Beeson).

Cotoneaster microphylla

Scolytus abaensis Tsai & Yin, *Scolytus nitidus* Schedl.

Cotoneaster spp.

Scolytus mali (Beckstein), *Scolytus rugulosus* (Muller), *Thammurgus orientalis* Schedl.

Cotylelobium flavum

Genyocerus biporus (Schedl).

Cotynus cogyria

Chaetoptelchus vestitus (Mulsant & Rey).

Couma macrocarpa

Phelloterus anaxeus Wood, *Platypus nudatus* Wood, *Xyleborus adelographus* Eichhoff, *Xyleborus affinis* Eichhoff, *Xyleborus asper* Eggers, *Xyleborus ferrugineus* (Fabricius).

Cowania mexicana

Chaetophloeus heterodoxus (Casey).

Craibia ellioti

Rhopalopselion conjungens Schedl.

Crassocephalus spp.

Eucallacea xanthopus (Eichhoff).

Crataegus spp.

Cnesinus carinatus Wood, *Hypothenemus erudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Scolytus mali* (Beckstein), *Scolytus rugulosus* (Muller), *Xyleborus dispar* (Fabricius).

Craterispermum spp.

Premnobius sexspinosus Eggers.

Cratoxylon arborescens

Crossotarsus squamulatus Chapuis, *Platypus westwoodi* Chapuis.

Cratylia floribunda

Premnobius cavipennis Eichhoff, *Xyleborinus reconditus* (Schedl), *Xyleborus spathipennis* Eichhoff, *Xylosandrus retusus* (Eichhoff).

Crossandra spp.

Doliopygus integratus Roberts.

Crossostylis biflora

Xyleborus ferrugineus (Fabricius).

Crotalaria anagyroides

Xylosandrus morigerus (Blandford).

Crotalaria saltiana

Hypothenemus eruditus Westwood.

Crotalaria spp.

Corthylus collaris Blandford, *Hypothenemus eruditus* Westwood, *Hypothenemus obscurus* (Fabricius), *Xyleborus ferrugineus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Crotalaria striata

Eucallacea fornicatus (Eichhoff).

Crotalaria usaramoensis

Xylosandrus morigerus (Blandford).

Crotalaria spp.

Chramesus marginatus Wood, *Taurodemus perebeae* (Ferrari), *Tricolus scitulus* Wood.

Croton argyратum

Crossotarsus wallacei (Thomson).

Croton gossypifolius

Cnesinus lecontei Blandford, *Microcorthylus concisus* Wood, *Phloeotribus setulosus* Eichhoff.

Croton guianensis

Phlocotribus nebulosus Wood, *Scolytodes resculus* Wood.

Croton haumanianus

Chaetastus tuberculatus (Chapuis), *Doliopygus contradii* (Strohmeyer), *Doliopygus rapax* (Sampson), *Periommatatus grandis* Schedl, *Periommatatus longicollis* Chapuis, *Platypus impressus* (Strohmeyer), *Strombophorus vagans* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus gracilipennis* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky).

Croton macrostachys

Chaetastus montanus Schedl, *Chaetastus tuberculatus* (Chapuis), *Platypus spinulosus* (Strohmeyer).

Croton megalocarpus

Periommatatus grandis Schedl, *Platypus spinulosus* (Strohmeyer).

Croton mubango

Doliopygus lefevrei Schedl.

Croton pseudoniveus

Chramesus exul Wood, *Hylocurus crotonis* Wood.

***Croton* spp.**

Ambrosiodmus eichhoffi (Schreiner), *Ambrosiodmus obliquus* (LeConte), *Amphicranus acus* Wood, *Chaetastus montanus* Schedl, *Chaetastus tuberculatus* (Chapuis), *Chramesus exul* Wood, *Cnesinus equitai* Wood, *Cnesinus lecontei* Blandford, *Corthyus abbreviatus* Eichhoff, *Doliopygus citri* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus unicus* (Schedl), *Hypothenemus eruditus* Westwood, *Monarthrum dimidiatum* (Ferrari), *Periommatatus grandis* Schedl, *Phlocotribus demessus* Blandford, *Pityophthorus crotonis* Wood, *Platypus cupulatus* Chapuis, *Platypus impressus* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Scolytodes habilis* Wood, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xylosandrus compactus* (Eichhoff).

Croton sylvaticus

Doliopygus erichsoni (Chapuis).

Cryptocarya ablato

Platypus australis Chapuis.

Cryptocarya chinensis

Crossotarsus reuterensis Niisima & Murayama.

Cryptocarya erythroxylon

Cryphalus asperulus Schedl, *Cryphalus brimblecombei* Schedl.

***Cryptocarya* spp.**

Diapus elongatus Schedl, *Diapus nanodontus* Roberts, *Diapus nanus* Schedl, *Diapus nebulosus* Roberts, *Diapus perpygmaeus* Roberts, *Diapus pusillimus* Chapuis, *Diapus robustus* Schedl, *Hylesinus cordipennis* Lea, *Platypus echinatus* Roberts & Morimoto, *Platypus enormis* Schedl, *Platypus ramosissimus* Roberts & Morimoto, *Platypus ramulosus* Roberts & Morimoto, *Platypus sellaeformis* Roberts & Morimoto, *Platypus uniformis* Schedl, *Xyleborinus andrewesi* (Blandford), *Xylosandrus compactus* (Eichhoff).

Cryptocarya wrighiana

Crossotarsus bonvouloiri Chapuis, *Crossotarsus siva* Beeson, *Scolytoplatypus eutomoides* Blandford.

***Cryptocery* spp.**

Platypus australis Chapuis.

Cryptolepis buchanani

Scolytogenes darwini Eichhoff.

Cryptomeria japonica

Crossotarsus externodentatus (Fairmaire), *Cryphalus cryptomeriae* Niisima, *Diapus spatulifer* Browne, *Eucallacea validus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Phloeosinus gifuensis* Murayama, *Phloeosinus lewisi* Chapuis, *Phloeosinus rudis* Blandford, *Phloeosinus sannohensis* Murayama, *Platypus kusukusensis* Murayama, *Platypus lewisi* Blandford, *Platypus quercivorus* Murayama, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus aquilus* Blandford, *Xyleborus seriatus* Blandford, *Xylosandrus mutilatus* (Blandford).

***Cryptomeria* spp.**

Phloeosinus perlatus Chapuis.

Cryptophagus subvittatus

Xyleborinus saxeseni (Ratzeburg).

Ctenolaphon grandifolius

Platypus signatus Chapuis.

***Cucumis* spp.**

Eucallacea fornicatus (Eichhoff).

Cucurbita digitata

Dendrocraniulus cucurbitae (LeConte).

Cucurbita foetidissima

Dendrocraniulus cucurbitae (LeConte).

Cucurbita pepo

Dendrocraniulus knausi (Hopkins).

***Cucurbita* spp.**

Dendrocraniulus knausi (Hopkins), *Dendrocraniulus limbellus* Wood, *Dendrocraniulus modus* Wood.

Cudrania javanensis

Eucallacea interjectus (Blandford).

Cullenia excelsa

Coccotrypes cardamomi Schaufuss, *Coccotrypes variabilis* (Beeson), *Platypus solidus* Walker.

Cunninghamia lanceolata

Ambrosiodmus rubricollis (Eichhoff), *Eucallacea validus* (Eichhoff), *Phloeosinus bicolor* (Brulle), *Phloeosinus perlatus* Chapuis, *Phloeosinus sinensis* Schedl.

Cunninghamia sinensis

Phloeosinus perlatus Chapuis, *Phloeosinus sinensis* Schedl.

Cupania guatemalensis

Bothrosternus foveatus (Blackman), *Hypothenemus trivialis* Wood, *Xylosandrus zimmermanni* (Hopkins).

Cupressus arizonica

Phloeosinus arizonicus Blackman, *Phloeosinus baumanni* Hopkins, *Phloeosinus cristatus* (LeConte), *Phloeosinus scopulorum neomexicanus* Blackman, *Phloeosinus spinosus* Blackman.

Cupressus benthami

Hypothenemus eruditus Westwood, *Phloeosinus baumanni* Hopkins, *Phloeosinus tacubayae* Hopkins.

Cupressus forbesi

Phloeosinus cristatus (LeConte), *Phloeosinus frontalis* Bruck.

Cupressus guadeloupensis

Phloeosinus frontalis Bruck.

Cupressus lindleyi

Carphobius pilifer Wood, *Phloeosinus baumanni* Hopkins, *Phloeosinus tacubayae* Hopkins.

Cupressus lusitanica

Carphobius cupressi Wood, *Chaetastus montanus* Schedl, *Hypothenemus eruditus* Westwood, *Phloeosinus*

- baumanni* Hopkins, *Phloeosinus henschi* Reitter, *Phloeosinus tacubayae* Hopkins.
- Cupressus macnabiana**
Phloeosinus hoppingi Swaine.
- Cupressus macrocarpa**
Crossotarsus terminatus Chapuis, *Phloeosinus cristatus* (LeConte), *Phloeosinus cupressi* Hopkins, *Phloeosinus frontalis* Bruck, *Phloeosinus hoppingi* Swaine, *Phloeosinus sequoiae* Hopkins, *Platypus furcatus* Blandford.
- Cupressus sargentii**
Phloeosinus cupressi Hopkins, *Phloeosinus hoppingi* Swaine, *Phloeosinus setosus* Bruck, *Phloeosinus swaini* Bruck, *Phloeosinus variolatus* Bruck.
- Cupressus sempercirens**
Phloeosinus armatus Reitter.
- Cupressus spp.**
Hypothenemus eruditus Westwood, *Phloeosinus antennatus* Swaine, *Phloeosinus armatus* Reitter, *Phloeosinus bicolor* (Brulle), *Phloeosinus cupressi* Hopkins, *Phloeosinus deleoni* Blackman, *Phloeosinus henschi* Reitter, *Phloeosinus thujae* (Perris).
- Cupressus torulosa**
Phloeosinus jubatus Sampson.
- Cussonia chartacea**
Eucallacea xanthopus (Eichhoff).
- Cussonia longissima**
Xyleborus ferrugineus (Fabricius), *Xyleborus piceus* (Motschulsky).
- Cussonia spp.**
Acanthotomicus octospinosus (Schedl).
- Cussonia rantsilana**
Eucallacea xanthopus (Eichhoff), *Mitosoma obtusum* Schedl, *Mitosoma vulpinum* Schedl.
- Cyathea spp.**
Eucallacea oparum (Beeson).
- Cybistax donnell-smithii**
Cnemonyx splendens (Wood).
- Cydonia oblonga**
Scolytus rugulosus (Muller).
- Cylicodiscus gabunensis**
Doliopygus brevis (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus perbrevis* Schedl, *Platypus hintzi* Schaufuss, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).
- Cylicodiscus spp.**
Premnobius cavipennis Eichhoff.
- Cynodon dactylon**
Hypothenemus eruditus Westwood, *Hypothenemus pubescens* Hopkins.
- Cynometra alexandrii**
Ambrosiodinus aegir (Eggers), *Cyclorhipidion crucipenne* (Schedl), *Doliopygus artespinitus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus fulgens* Schedl, *Doliopygus intritus* (Schedl), *Doliopygus megatoma* Schedl, *Doliopygus notatus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus morio* (Eggers), *Premnobius nodulosus* Hagedorn, *Rhopalopselion subseriatus* (Schedl), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff.
- Cynometra hankei**
Chaetastus tuberculatus (Chapuis), *Coccotrypes grandis* (Eggers), *Cosmoderes donisi* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus exilis* (Chapuis), *Doliopygus incilis* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus unicomis* Schedl, *Hypothenemus cynometrae* Schedl, *Hypothenemus donisi* (Schedl), *Hypothenemus eruditus* Westwood, *Periommatius circularis* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).
- Cynometra hemitomophylla**
Araptus laevigatus (Eggers), *Coccotrypes cyperi* (Beeson).
- Cynometra insularis**
Platypus citiensis Roberts.
- Cynometra oaxacana**
Pseudochramesus jaliscoensis Wood.
- Cynometra spp.**
Ambrosiodinus tropicus (Hagedorn), *Doliopygus excavatus* (Sampson), *Doliopygus intritus* (Schedl), *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer).
- Cyrtandra spp.**
Xyleborus munfordi Beeson, *Xyleborus temetiucius* Beeson.
- Cytisus alpinus**
Hylastinus fankhauseri Reitter.
- Cytisus biflorus**
Hylastinus obscurus (Marshall).
- Cytisus hirsutus**
Hylastinus obscurus (Marshall).
- Cytisus laburnum**
Hylastinus fankhauseri Reitter, *Hylastinus obscurus* (Marshall).
- Cytisus nigricans**
Hylastinus obscurus (Marshall).
- Cytisus proliferus**
Liparthrum nigrescens Wollaston.
- Cytisus spp.**
Liparthrum genistae (Aube), *Phloeotribus perfoliatus* (Wollaston), *Phloeotribus rhododactylus* (Marshall).
- Cytisus triflorus**
Hylastinus fankhauseri Reitter, *Phloeotribus peyerimhoffi* (Eggers).
- Cytisus veldeni**
Phloeotribus hercegovinensis (Seitner).
- Dacrycarpus spp.**
Diapus nebulosus Roberts.
- Dacrydium elatum**
Platypus titiensis Roberts.
- Dacrydium spp.**
Xyleborus partitus Browne.
- Dacryodes deliciosa**
Cylindropalpus auricomans (Schaufuss).
- Dacryodes edulis**
Xyleborus subutuberculatus Eggers.
- Dacryodes excelsa**
Monarthrum praeustum (Eggers), *Platypus compositus* Say.
- Dacryodes klaineana**
Xyleborus alluaudi Schaufuss.
- Dacryodes pubescens**
Cyclorhipidion callosum (Schedl), *Cyclorhipidion*

nsafukalae (Schedl), *Cyclorhipidion praecursor* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus subtuberculatus* Eggers.

Dacryodes rostrata

Crossotarsus brownei Schedl, *Cyclorhipidion pruinosum* (Blandford), *Hypocoryphalus malayensis* Schedl.

Dacryodes spp.

Ambrosiodinus lecontei Hopkins, *Cyclorhipidion pruinosum* (Blandford).

Dacryodes yangambiensis

Doliopygus fulgens Schedl, *Doliopygus ghesquierci* (Schedl), *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus opulentus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Trachyostus aterrimus* (Schaufuss), *Xyleborus affinis* Eichhoff.

Daemonorops spp.

Ambrosiodinus bruniceps (Eggers), *Eucallacea limatus* (Schedl), *Leptoxyleborus concisus* (Blandford).

Dalbergia assamensis

Platypus secretus Sampson.

Dalbergia assamica

Eucallacea sibsagaricus (Eggers), *Platypus cavus* Strohmeyer, *Platypus indicus* Strohmeyer, *Xyleborus piccus* (Motschulsky).

Dalbergia ecastophyllum

Hypothenemus brunneus (Hopkins), *Hypothenemus crudiae* (Panzer).

Dalbergia gastrophyllyum

Hypothenemus birmanus (Eichhoff).

Dalbergia hupeana

Eucallacea validus (Eichhoff).

Dalbergia latifolia

Carchesiopygus multidentatus (Strohmeyer), *Crossotarsus fractus* Sampson, *Crossotarsus javanus* Beeson, *Crossotarsus minax* (Walker), *Ernoporus concentralis* (Eggers), *Platypus jansonii* Chapuis, *Platypus pseudocupulatus* Schedl, *Platypus solidus* Walker, *Platypus vethi* Strohmeyer, *Xyleborus haberkorni* Eggers, *Xyleborus perforans* (Wollaston), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus manicus* (Blandford), *Xylosandrus morigerus* (Blandford).

Dalbergia paniculata

Xyleborus perforans (Wollaston).

Dalbergia pterocarpifolia

Mitosoma lobatum Schedl, *Platypus madagascariensis* Chapuis, *Xyleborinus quadrispinosus* (Eichhoff), *Xyleborinus signatipennis* (Schedl), *Xyleborus antaisaka* Schedl, *Xyleborus gibber* Schedl, *Xyleborus sakalava* Schedl.

Dalbergia sissoo

Coccotrypes nubilus (Blandford), *Platypus solidus* Walker, *Xylosandrus crassiusculus* (Motschulsky).

Dalbergia spp.

Arixyleborus minor (Eggers), *Arixyleborus tuberculatus* (Eggers), *Dendrocraniulus brasiliensis* (Schedl), *Eucallacea andamanensis* (Blandford), *Mitosoma obconiceps* Schedl, *Mitosoma obliquatum* Schedl, *Mitosoma obtusum* Schedl, *Xyleborus madagascariensis* Schaufuss.

Dalea lasiostachya

Chramesus marginatus Wood.

Dalhousiea spp.

Diamerus impar Chapuis.

Dalium corbisieri

Eucallacea granosus (Schedl).

Daniellia klainei

Cylindropalpus laudatus (Schedl), *Diaprus quinquespinatus* Chapuis, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius).

Daniellia oliveri

Ambrosiodinus eichhoffi (Schreiner), *Doliopygus aduncus* Schedl, *Doliopygus terebrans* Schedl, *Pityophthorus barbifer* Schedl, *Triozastus marshalli* (Sampson).

Daphniphyllum glaucescens

Hypothenemus amakusanus (Murayama), *Platypus calamus* Blandford.

Daphniphyllum macropodium

Xyleborus praevius Blandford, *Xyleborus volvulus* (Fabricius).

Daphniphyllum teijsmanni

Platypus calamus Blandford.

Daphnopsis seibertii

Araptus laevigatus (Eggers), *Hypothenemus plumeriae* (Nordlinger).

Dehaasia cuneata

Xylosandrus ater (Eggers).

Deinbollia spp.

Chaetastus tuberculatus (Chapuis), *Triozastus caliginosus* Roberts, *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piccus* (Motschulsky).

Delphinium consolida

Thannurgus delphinii (Rosenhauer).

Delphinium spp.

Thannurgus delphinii (Rosenhauer).

Dendrobium phalaenopsis

Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).

Dendrobium spp.

Xyleborus perforans (Wollaston), *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Dendrobium urvelli

Xylosandrus morigerus (Blandford).

Dendrobium veratrifolium

Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).

Dendropanax arboreum

Xyleborus affinis Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius), *Xylosandrus laticeps* (Wood).

Derris elliptica

Hypothenemus eruditus Westwood.

Derris microphylla

Xylosandrus morigerus (Blandford).

Derris robusta

Eucallacea fornicatus (Eichhoff), *Hypothenemus eruditus* Westwood.

Derris spp.

Hypothenemus crudiae (Panzer).

Desmodium cephalotes

Eucallacea fornicatus (Eichhoff).

Desmodium cogantii

Chramesus marginatus Wood.

Desmodium flemingia spp.

Xylosandrus morigerus (Blandford).

Desmodium ovalifolium

Xylosandrus compactus (Eichhoff).

Desmoncus spp.

Xyleborus inaequalis Schedl.

Desplatsia dewevrei

Doliopygus coelocephalus (Schaufuss), *Doliopygus erichsoni* (Chapuis), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus rapax* (Sampson), *Periommatatus grandis* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schoutedeni* (Schedl).

Desplatsia subericarpa

Periommatatus longicollis Chapuis.

Dialanthera otoba

Xyleborus grossmanni Schedl.

Dialium corbisieri

Ambrosiodmus ovatus (Eggers), *Cosmoderes solitarius* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus exilis* (Chapuis), *Doliopygus lateralis* Schedl, *Doliopygus minimus* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus woltschei* Schedl, *Hypothenemus socialis* (Schedl), *Mesoplatypus ventricornis* Schedl, *Mesoplatypus venustus* Schedl, *Polygraphus afzeliae* Schedl, *Strombophorus dialium* Schedl, *Strombophorus lukengeae* Schedl, *Triozastus marshalli* (Sampson), *Xyleborinus gracilipennis* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky), *Xyleborus volculus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Dialium excelsum

Cylindropalpus laudatus (Schedl), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus lebruni* Schedl, *Doliopygus spectabilis* Schedl, *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatatus grandis* Schedl, *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson).

Dialium pachyphyllum

Doliopygus conradti (Strohmeyer), *Doliopygus exilis* (Chapuis), *Doliopygus lateralis* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus tenuis* (Strohmeyer), *Hypothenemus biserialis* (Eggers), *Platypus hintzi* Schaufuss, *Strombophorus lukengeae* Schedl, *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ficus* Eggers, *Xyleborus multi-spinatus* Eggers, *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Dialium spp.

Acanthotomicus uncus (Schedl), *Doliopygus angolensis* Schedl, *Doliopygus bilobatus* (Schedl), *Platypus cancellatus* Schedl, *Platypus puerulus* (Schedl), *Strombophorus lukengeae* Schedl, *Xyleborus fallax* Eichhoff.

Dialium tessmanni

Doliopygus medius Schedl, *Periommatatus longicollis* Chapuis, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius).

Dialium spp.

Hypothenemus camerunus (Eggers).

Dichaetanthera cordifolia

Pityophthorus dorsalis.

Dichapetalum spp.

Xyleborus truncatulus Schedl.

Dichopetalum thonneri

Hypothenemus aethiops (Schedl).

Dichopsis elliptica

Euwallacea andamanensis (Blandford).

Dichopsis polyantha

Scolytominus assamensis Schedl.

Dictyosperma album

Coccotrypes dactyliperda (Fabricius).

Didymeles spp.

Mitosoma sexspinosum Schedl.

Dillenia pentagyna

Euwallacea andamanensis (Blandford), *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston), *Xylosandrus butamali* (Beeson), *Xylosandrus crassiusculus* (Motschulsky).

Dillenia philippinensis

Xyleborus similis Ferrari.

Dillenia retusa

Coccotrypes advena Blandford, *Coccotrypes variabilis* (Beeson).

Dioclea megacarpa

Hypothenemus crudiae (Panzer), *Hypothenemus plumeriae* (Nordlinger), *Stegomerus pygmaeus* Wood, *Theoborus ricini* (Eggers).

Diospyros alboflavescens

Platypus impressus (Strohmeyer), *Platypus intermedius* (Schedl), *Trachyostus schaufussi* (Strohmeyer).

Diospyros crassiflora

Chaetastus persimilis (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl), *Platypus impressus* (Strohmeyer), *Trachyostus aterrimus* (Schaufuss), *Xyleborus affinis* Eichhoff.

Diospyros eriantha

Xyleborus atratus Eichhoff.

Diospyros kaki

Ambrosiodmus rubricollis (Eichhoff), *Cryphalus exiguus* Blandford, *Hypothenemus eruditus* Westwood, *Xyleborinus attenuatus* (Blandford), *Xyleborus kadoyamaensis* Murayama, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus brevis* (Eichhoff), *Xylosandrus germanus* (Blandford).

Diospyros morrisiana

Xyleborus atratus Eichhoff.

Diospyros oocarpa

Crossotarsus andamanus Beeson, *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston).

Diospyros paniculata

Platypus latifinis Walker, *Platypus uncinatus* Blandford, *Xyleborus perforans* (Wollaston).

Diospyros pseudo-ebenum

Platypus cavus Strohmeyer, *Platypus hybridus* Schedl.

Diospyros pyrrocampa

Platypus cordiger Chapuis, *Xyleborus piceus* (Motschulsky).

Diospyros spp.

Ambrosiodmus eichhoffi (Schreiner), *Ambrosiodmus rubricollis* (Eichhoff), *Arxyleborus medius* (Eggers), *Coccotrypes carpophagus* (Homung), *Crossotarsus squamulatus* Chapuis, *Doliopygus bitalei* Schedl, *Doliopygus convexus* Roberts, *Doliopygus dolosus* Schedl, *Mesoplatypus calabaricus* Roberts, *Platypus compositus* Say, *Platypus hirtus* Schedl, *Platypus hybridus* Schedl, *Platypus insularis* Strohmeyer, *Platypus secretus* Sampson, *Platypus volaticus* Schedl.

Treptoplatypus circulicauda Browne, *Xylosandrus compactus* (Eichhoff).

Diospyros suaveolens

Chaetastus tuberculatus (Chapuis).

Dipholis salicifolia

Cnecinus strigicollis LeConte, *Cryptocarenum seriatus* Eggers, *Hypothenemus seriatus* (Eichhoff), *Hypothenemus squamosus* (Hopkins), *Micracisella nanula* (LeConte).

Diphysa robinoides

Ambrosiodinus lecontei Hopkins, *Hypothenemus crudiae* (Panzer).

Diplodiscus paniculatus

Eucallacea quadraticollis (Eggers), *Platypus setaceus* Chapuis.

Diploglottis australis

Xylosandrus solidus (Eichhoff).

Diplospora spp.

Crossotarsus schedli Browne.

Diplospora viridiflora

Xyleborus atratus Eichhoff.

Dipterocarpus alatus

Cryphalus dipterocarpi Wood.

Dipterocarpus baudii

Arixyleborus suturalis (Eggers), *Coptodryas diversicolor* (Eggers), *Coptodryas nigax* (Schedl), *Coptodryas perparva* (Sampson), *Eccoptopterus limbatus* Sampson, *Eccoptopterus spinosus* (Olivier), *Leptoxyleborus concisus* (Blandford), *Platypus curtus* Chapuis, *Webbia dipterocarpi* Hopkins, *Xyleborus apiculatus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus javanus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus pseudopilifer* Schedl, *Xyleborus sichus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

Dipterocarpus borneensis

Crossotarsus terminatus Chapuis, *Genyocerus serratus* (Schedl), *Platypus dignus* Schedl, *Platypus platypoides* (Browne), *Webbia bakoensis* Browne, *Webbia quattuordecimspinus* Sampson, *Webbia suturalis* Browne.

Dipterocarpus cornutus

Crossotarsus terminatus Chapuis, *Diapus quinquespinatus* Chapuis, *Genyocerus diaphanus* (Schedl), *Xyleborus improcerus* Sampson, *Xylosandrus mediocris* (Schedl).

Dipterocarpus crinitus

Coccotrypes gedeanus (Eggers), *Platypus curtus* Chapuis, *Xyleborus dolosus* Blandford.

Dipterocarpus curmuk

Xylosandrus mediocris (Schedl).

Dipterocarpus grandiflorus

Arixyleborus rugosipes Hopkins, *Coptodryas confusa* Hopkins, *Cyclorhipidion dipterocarpi* Hopkins, *Dryocoetius laevis* (Strohmeyer), *Hypocryphalus rotundus* Hopkins, *Platypus bifurcus* (Schedl), *Platypus spectabilis* Schedl, *Webbia dipterocarpi* Hopkins.

Dipterocarpus hasseltii

Diapus quinquespinatus Chapuis.

Dipterocarpus indicus

Platypus cordiger Chapuis, *Platypus diversipennis* Schedl, *Platypus obtusipennis* Schedl, *Xylosandrus butanali* (Beeson).

Dipterocarpus kerrii

Coccotrypes nitidus (Eggers).

Dipterocarpus kunstleri

Cyclorhipidion agnatum (Eggers), *Platypus pseudo-*

curtus Schedl, *Leptoxyleborus concisus* (Blandford), *Xyleborinus perminutissimus* (Schedl), *Xylosandrus difficilis* (Eggers).

Dipterocarpus obtusifolius

Ambrosiodinus minor (Stebbing), *Platypus biflexuosus* Schedl, *Webbia biformis* Browne, *Webbia cornutus* Schedl.

Dipterocarpus pilosus

Amasa resacans (Eggers), *Arixyleborus mediosextus* (Eggers), *Carchesiopygus impariporus* (Beeson), *Coccotrypes barbatus* (Schedl), *Coccotrypes monoceros* (Beeson), *Coccotrypes papuanus* (Eggers), *Cryphalus dipterocarpi* Wood, *Diapus pendleburyi* Schedl, *Diapus quinquespinatus* Chapuis, *Genyocerus biporus* Schedl, *Genyocerus furtivus* (Sampson), *Platypus biflexuosus* Schedl, *Platypus cavius* Strohmeyer, *Platypus cupulatus* Chapuis, *Platypus indicus* Strohmeyer, *Platypus secretus* Sampson, *Platypus solidus* Walker, *Platypus subdepressus* (Schedl), *Platypus uncinatus* Blandford, *Xyleborus shoreae* (Stebbing).

Dipterocarpus polosapis

Hypothenemus dipterocarpi Hopkins.

Dipterocarpus serrata

Diapus quinquespinatus Chapuis.

Dipterocarpus spp.

Arixyleborus dipterocarpi Browne, *Arixyleborus medius* (Eggers), *Cnecinus suturalis* (Eggers), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Genyocerus albipennis* Motschulsky, *Leptoxyleborus concisus* (Blandford), *Platypus bifurcus* (Schedl), *Platypus curtus* Chapuis, *Platypus dipterocarpi* Browne, *Platypus insulindicus* Schedl, *Platypus ovatus* Strohmeyer, *Platypus pseudocurtus* Schedl, *Platypus spinosus* Browne, *Schedlia sumatrana* (Hagedorn), *Scolyttoplatypus parvus* Sampson, *Treptoplatypus circulicauda* Browne, *Webbia trigintispinus* Sampson, *Xyleborus amphicranoides* Hagedorn, *Xyleborus cavuloides* Browne, *Xyleborus fallax* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

Dipterocarpus trinervis

Coccotrypes cyperi (Beeson).

Dipterocarpus turbinatus

Amasa resacans (Eggers), *Arixyleborus mediosextus* (Eggers), *Crossotarsus andamanus* Beeson, *Eccoptopterus spinosus* (Olivier), *Genyocerus dipterocarpi* Browne, *Platypus cordiger* Chapuis, *Sphaerotrypes costatus* Wood, *Xyleborinus andrewesi* (Blandford), *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus major* (Stebbing), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Dipterocarpus vernicifluus

Coccotrypes incognitus (Schedl).

Dipterocarpus zeylanicus

Arixyleborus granulifer (Eggers), *Arixyleborus mediosextus* (Eggers), *Coccotrypes longior* (Eggers), *Hypothenemus javanus* (Eggers), *Platypus shoreanus* (Beeson), *Webbia ceylonae* Schedl, *Xyleborinus exiguus* (Walker).

Discoglyprema caloneura

Platypus hintzi Schauffuss, *Platypus orientalis* (Strohmeyer), *Premnobius nodulosus* Hagedorn, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).

Disholcopsis spp.

Araptus nanulus Wood.

Displodiscus paniculatus*Platypus caliginosus* Schedl.***Dissotis grandiflora****Hypothenemus grandis* Schedl.***Distemonanthus benthamianus****Cylindropalpus auricomans* (Schaufuss), *Doliopygus bilobatus* (Schedl), *Doliopygus dubius* (Sampson), *Platypus hintzi* Schaufuss, *Rhopalopselion thompsoni* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).***Distemonanthus* spp.***Premnobius cavipennis* Eichhoff.***Distylium racemosum****Platypus calamus* Blandford, *Sphaerotrypes pila* Blandford.***Ditoma crenata****Xyleborinus saxeseni* (Ratzeburg).***Dolichandrone stipulata****Platypus cupulatus* Chapuis, *Platypus solidus* Walker, *Xyleborus birmanus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.***Dolichos lablab****Hypothenemus dolichocola* Hopkins.***Dombeya goetzenii****Doliopygus lefevrei* Schedl, *Platypus collinus* Browne.***Dombeya mastersii****Doliopygus bidentatus* (Strohmeyer), *Rhopalopselion immaturus* (Schedl).***Dombeya* spp.***Doliopygus nairobiensis* (Schedl), *Euwallacca xanthopus* (Eichhoff), *Platypus orientalis* (Strohmeyer), *Xyleborinus spiculatus* (Schaufuss), *Xyleborinus spinosus* (Schaufuss), *Xyleborus alluaudi* Schaufuss, *Xyleborus sakalava* Schedl.***Doonia cordifolia****Sphaerotrypes cristatus* Wood.***Doonia zeylanica****Arixyleborus medius* (Eggers), *Crossotarsus terminatus* Chapuis, *Platypus latifinis* Walker, *Platypus shoreanus* (Beeson), *Platypus uncinatus* Blandford, *Xylosandrus crassiusculus* (Motschulsky).***Doryphora aromatica****Platypus australis* Chapuis.***Doryalis* spp.***Hypothenemus grandis* Schedl.***Dracaena aurea****Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston).***Dracondomerum* spp.***Arixyleborus cariniceps* Schedl.***Dracontomelon* spp.***Cnestus rotundatus* Schedl, *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis.***Dracaena drace****Dactylotrypes longicollis* (Wollaston).***Dracaena* spp.***Mitosoma excisum* Schaufuss.***Dracontomelium mangiferum****Platypus micrurus* Schedl.***Dracontomelium* spp.***Crossotarsus mniszecchi* Chapuis, *Platypus solidus* Walker.***Drimycarpus rasemosus****Platypus lepidus* Chapuis, *Platypus solidus* Walker, *Sphaerotrypes quadrituberculatus* Sampson.***Drimys granatensis****Scolytodes punilus* Wood.***Dryadodaphne* spp.***Hypocryphalus montanus* Schedl.***Dryobalanops aromatica****Baiocis pernanulus* (Schedl), *Coccotrypes gedeanus* (Eggers), *Cryptoxyleborus dryobalanopsis* Schedl, *Cyclorhipidion pruinatum* (Blandford), *Cyclorhipidion sisyrnophorum* (Hagedorn), *Diapus pendleburyi* Schedl, *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Dryocoetius hirsutus* (Schedl), *Hypothenemus cuneolus* (Schedl), *Hypothenemus javanus* (Eggers), *Platypus bifurcus* (Schedl), *Platypus biuncus* Blandford, *Platypus curtus* Chapuis, *Platypus pseudocupulatus* Schedl, *Platypus pseudocurtus* Schedl, *Platypus transformis* Schedl, *Platypus vetulus* Schedl, *Platytarsulus declivis* Schedl, *Platytarsulus elongatus* Schedl, *Platytarsulus marshalli* Schedl, *Webbia quatuordecimspinus* Sampson, *Xyleborus amplexicauda* Hagedorn, *Xyleborus perforans* (Wollaston), *Xyleborus pseudopilifer* Schedl, *Xyleborus similis* Ferrari, *Xyleborus tunggali* Schedl, *Xylosandrus nancus* (Blandford).***Dryobalanops camphora****Platypus curtus* Chapuis.***Dryobalanops lanceolata****Platypus lawasensis* Browne.***Dryobalanops oblongifolia****Anasa schlichii* (Stebbing), *Arixyleborus leprosus* Schedl, *Arixyleborus malayensis* (Schedl), *Arixyleborus minor* (Eggers), *Arixyleborus scabripennis* (Blandford), *Arixyleborus suturalis* (Eggers), *Coptodryas mixax* (Schedl), *Crossotarsus fractus* Sampson, *Crossotarsus schedli* Browne, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Cyclorhipidion agnatum* (Eggers), *Genyocerus philippinensis* (Schedl), *Genyocerus serratus* (Schedl), *Hadrodemius globus* (Blandford), *Platypus bifidus* Schedl, *Platypus biuncus* Blandford, *Platypus cupulatus* Chapuis, *Platypus insulindicus* Schedl, *Platypus platypoides* (Browne), *Platypus pseudocupulatus* Schedl, *Platypus solidus* Walker, *Schedlia sumatrana* (Hagedorn), *Scolyto-platypus pusillus* Eggers, *Webbia simplex* (Browne), *Xyleborus approximatus* Schedl, *Xyleborus javanus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus siclus* Schedl, *Xylosandrus ater* (Eggers), *Xylosandrus nancus* (Blandford), *Xylosandrus morigerus* (Blandford).***Dryobalanops* spp.***Scolyto-platypus parvus* Sampson.***Dryodaphnae* spp.***Diapus elongatus* Schedl, *Diapus robustus* Schedl, *Diapus turgidus* Roberts.***Drypetes gossweileri****Ambrosiodinus ovatus* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus coelocephalus* (Schaufuss), *Doliopygus donisi* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatatus excisus* Strohmeyer, *Periommatatus grandis* Schedl, *Periommatatus longicollis* Chapuis, *Periommatatus*

substriatus Strohmeier, *Platypus hintzi* Schaufuss, *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeier), *Platypus solutus* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeier), *Trioastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus rotulus* (Fabricius).

Drypetes ituriensis

Doliopygus lebruni Schedl, *Doliopygus medius* Schedl, *Doliopygus occallescent* Schedl, *Platypus intermedius* (Schedl), *Platypus solutus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).

Drypetes leonensis

Coptoborus usagarius (Eggers), *Cylindropalpus granulatus* (Schedl), *Cylindropalpus interpositus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeier), *Doliopygus dolosus* Schedl, *Doliopygus erichsoni* (Chapuis), *Doliopygus jurioni* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Periommatatus longicollis* Chapuis, *Platypus impressus* (Strohmeier), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeier), *Platypus spinulosus* (Strohmeier), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus elongatus* Eggers, *Xyleborus multispinatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Drypetes louisii

Doliopygus erichsoni (Chapuis), *Doliopygus rapax* (Sampson), *Platypus impressus* (Strohmeier), *Platypus intermedius* (Schedl), *Trachyostus aterrimus* (Schaufuss).

Drypetes morocarpa

Doliopygus conradti (Strohmeier), *Doliopygus dubius* (Sampson), *Doliopygus interjectus* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Periommatatus grandis* Schedl, *Periommatatus longicollis* Chapuis, *Platypus impressus* (Strohmeier), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeier), *Xyleborus affinis* Eichhoff.

Drypetes sepiaria

Hylesinus nilgirinus Eggers.

Drypetes spinoso-dentata

Eucallacea xanthopus (Eichhoff), *Platypus orientalis* (Strohmeier).

***Drypetes* spp.**

Dactylipalpus grouvellei (Blandford), *Doliopygus lebruni* Schedl, *Platypus conjunctus* Schedl, *Platypus intermedius* (Schedl), *Platypus spinulosus* (Strohmeier), *Premnobius cavipennis* Eichhoff, *Xyleborus piceus* (Motschulsky), *Xylosandrus compactus* (Eichhoff).

Drypetes staudtii

Chaetastus tuberculatus (Chapuis).

Drypetes yambataense

Xyleborus multispinatus Eggers.

Duabanga sonneratioides

Eucallacea bicolor (Blandford), *Platypus solidus* Walker.

Dubautia laxa

Xyleborus hawaiiensis Perkins.

***Duboisia* spp.**

Hypothenemus eruditus Westwood.

Duboscia viridiflora

Hypothenemus colae (Schedl), *Hypothenemus eruditus* Westwood, *Hypothenemus socialis* (Schedl).

***Dumoria* spp.**

Premnobius cavipennis Eichhoff.

Durio carinatus

Platypus cupulatus Chapuis, *Platypus curtus* Chapuis.

Durio griffithii

Crossotarsus squamulatus Chapuis.

***Durio* spp.**

Diapus quinquespinatus Chapuis, *Platypus cupulatus* Chapuis, *Platypus duriovorus* Browne, *Platypus pseudocupulatus* Schedl, *Xyleborus perforans* (Wollaston).

Durio zibethinus

Diapus quinquespinatus Chapuis, *Platypus insulindicus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus similis* Ferrari.

Dyera costulata

Carchesiopygus wollastoni (Chapuis), *Diapus pusillinus* Chapuis, *Diapus quinquespinatus* Chapuis, *Hypothenemus javanus* (Eggers), *Platypus cupulatus* Chapuis, *Platypus dyerae* Browne, *Platypus vethi* Strohmeier, *Platypus westwoodi* Chapuis, *Xyleborus apertus* Schedl, *Xyleborus mucronatus* Eggers, *Xyleborus subemarginatus* Eggers.

Dysoxylum amoeroides

Hypothenemus eruditus Westwood, *Xyleborinus andrewesi* (Blandford).

Dysoxylum binectariferum

Crossotarsus bonvouloiri Chapuis, *Diapus quinquespinatus* Chapuis.

Dysoxylum decandrum

Xyleborus perforans (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus rotulus* (Fabricius).

Dysoxylum muelleri

Xyleborus perforans (Wollaston).

Dysoxylum pettigrevianum

Xyleborus perforans (Wollaston).

***Dysoxylum* spp.**

Cryphalus vitiensis Browne, *Cryphalus waplery* Eichhoff, *Diapus oonensis* Roberts, *Genyocerus puer* (Schedl), *Hadrodemius globus* (Blandford), *Platypus alternantecostatus* (Schedl), *Platypus cavus* Strohmeier, *Platypus cordiger* Chapuis, *Platypus jansoni* Chapuis, *Platypus papuanus* Roberts, *Platypus parapetax* Roberts & Morimoto, *Platypus sulcinodis* Schedl, *Platypus vitiensis* Roberts, *Platypus volaticus* Schedl, *Xyleborinus andrewesi* (Blandford).

Echinocarpus dasycarpus

Diapus spatulifer Browne, *Platypus falcatus* Strohmeier, *Xyleborus similis* Ferrari.

Echinocystis macrocarpa

Dendrocranulus cucurbitae (LeConte).

***Echinopanax* spp.**

Dryocoetes padi Stark.

***Ehlersii* spp.**

Hypothenemus eruditus Westwood.

Ehretia acuminata

Eucallacea sibsagaricus (Eggers), *Platypus cavus* Strohmeier, *Platypus luniger* Motschulsky, *Platypus subdepressus* (Schedl), *Xyleborus shoreae* (Stebbing), *Xyleborus similis* Ferrari.

Ekebergia capensis

Hypocryphalus dubiosus Schedl.

Ekebergia ruepelliana

Chaetastus montanus Schedl, *Doliopygus nairobiensis* (Schedl), *Doliopygus serratus* (Strohmeyer).

Ekebergia spp.

Doliopygus serratus (Strohmeyer), *Platypus madagascariensis* Chapuis, *Scolytoplatypus cichelbaumi* Hagedorn, *Scolytoplatypus kivuensis* Schedl, *Triozastus marshalli* (Sampson), *Xyleborinus forficuloides* (Schedl), *Xyleborinus signatipennis* (Schedl).

Ekebergia suavis

Mitosoma sexspinosum Schedl, *Platypus madagascariensis* Chapuis, *Xyleborus alluandi* Schauffuss.

Elaeagnus pungens

Hypothenemus seriatus (Eichhoff).

Elaeagnus pungens fruitlandi

Hypothenemus eruditus Westwood, *Hypothenemus javanus* (Eggers).

Elaeagnus spp.

Pseudoxylechinus variegatus Wood & Huang, *Scolytus jaroschewskii* Schevnev, *Scolytus schetyreivi* Semenov, *Trypophloeus klimeschi* Eggers.

Elaeis guineensis

Coccotrypes carpophagus (Hornung), *Coccotrypes congonus* Eggers, *Coccotrypes dactyliperda* (Fabricius), *Coccotrypes nigripes* Eggers, *Diapus quinquespinatus* Chapuis, *Doliopygus conradti* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Hypothenemus perhispidus* (Eggers), *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xylosandrus compactus* (Eichhoff).

Elaeocarpus bifidus

Crossotarsus externedentatus (Fairmaire), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston).

Elaeocarpus decipiens

Sueus niisimai (Eggers).

Elaeocarpus ferrugineus

Amasa versicolor (Sampson), *Leptoxyleborus depressus* (Eggers).

Elaeocarpus ganitrus

Platypus biuncus Blandford, *Platypus cupulatus* Chapuis.

Elaeocarpus grandis

Xyleborus perforans (Wollaston).

Elaeocarpus jackianus

Leptoxyleborus depressus (Eggers).

Elaeocarpus lanceaefolius

Platypus falcatus Strohmeyer.

Elaeocarpus oblongus

Coccotrypes cyperi (Beeson).

Elaeocarpus petiolatus

Amasa versicolor (Sampson), *Ambrosiodmus asperatus* (Blandford), *Arxyleborus suturalis* (Eggers), *Cnestus aterrimus* (Eggers), *Crossotarsus terminatus* Chapuis.

Elaeocarpus sericeus

Ambrosiodmus mahafali (Schedl), *Xylosandrus crassiusculus* (Motschulsky).

Elaeocarpus serratus

Platypus furcatus Blandford.

Elaeocarpus spp.

Amasa versicolor (Sampson), *Ambrosiodmus wilderi* (Beeson), *Coptodryas perparva* (Sampson), *Coptodryas quadricostata* (Schedl), *Cryphalus borneensis* Schedl, *Diapus bilunatus* Schedl, *Diapus elongatus* Schedl, *Diapus nanus* Schedl, *Diapus nebulosus* Roberts, *Diapus oomsis* Roberts, *Diapus unispineus* Roberts,

Mitosoma excisum Schauffuss, *Mitosoma paulinum* Schedl, *Mitosoma sexspinosum* Schedl, *Platypus semi-granosus* (Sampson), *Xyleborinus forficuloides* (Schedl), *Xyleborinus quadrispinosus* (Eichhoff), *Xyleborinus signatipennis* (Schedl), *Xyleborus alluandi* Schauffuss, *Xyleborus antaisaka* Schedl, *Xyleborus insulindicus* Eggers, *Xyleborus madagascariensis* Schauffuss, *Xyleborus minutus* Blandford, *Xyleborus similis* Ferrari, *Xyleborus swezeyi* Beeson, *Xylosandrus crassiusculus* (Motschulsky).

Elaeocarpus tuberculatus

Coccotrypes cardamomi Schauffuss, *Xylosandrus crassiusculus* (Motschulsky).

Elaeodendron spp.

Hypocryphalus dubiosus Schedl.

Elaeophorbium drupifera

Cyrtogenius cribricollis Schedl.

Elateriospermum spp.

Coptodryas nudibrevis (Schedl).

Elateriospermum tapos

Coptodryas perparva (Sampson), *Crossotarsus brownei* Schedl, *Crossotarsus schedli* Browne, *Crossotarsus wallacei* (Thomson), *Cyrtogenius subacuminatus* (Schedl), *Diapus quinquespinatus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Platypus insularis* Strohmeyer, *Platypus lepidus* Chapuis, *Platypus pseudocupulatus* Schedl, *Platypus puerulus* (Schedl), *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston).

Ellettaria major

Coccotrypes cardamomi Schauffuss.

Elongatus spp.

Hypothenemus eruditus Westwood.

Embelia schimperi

Xylocleptes adeniace (Schedl).

Enantia chlorantha

Chaetastus tuberculatus (Chapuis), *Periommatatus nitidicollis* Strohmeyer.

Enantia polycarpa

Xyleborus ambasiusculus Eggers.

Enantia spp.

Premnobius cavipennis Eichhoff.

Encelia californica

Chaetophloeus maclayi (Bruck).

Encelia farinosa

Chaetophloeus pruinosis (Blackman).

Endiandra palmerstonii

Ambrosiodmus compressus (Lea), *Coptodryas eucalyptica* (Schedl), *Xyleborus insulindicus* Eggers, *Xyleborus perforans* (Wollaston).

Endiandra spp.

Crossotarsus terminatus Chapuis, *Platypus loriae* (Schedl).

Endospermum macrophyllum

Crossotarsus externedentatus (Fairmaire), *Diapus quinquespinatus* Chapuis, *Platypus vitensis* Roberts.

Endospermum malaccense

Coptodryas diversicolor (Eggers), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Diapus quinquespinatus* Chapuis, *Leptoxyleborus concisus* (Blandford), *Platypus bifurcus* (Schedl), *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Platypus insularis* Strohmeyer, *Platypus lepidus* Chapuis, *Platypus parallelus* (Fabricius), *Platypus pseudocupulatus* Schedl, *Platypus signatus* Chapuis, *Platypus westwoodi* Chapuis, *Xyleborus perforans*

(Wollaston). *Xyleborus piceus* (Motschulsky). *Xylosandrus morigerus* (Blandford).

Endospermum medullosum

Platypus jansoni Chapuis.

Endospermum spp.

Diaprus papuanus Schedl. *Xyleborus perforans* (Wollaston).

Endriandra rubescens

Platypus fraterculus Schedl.

Engelhardtia spicata

Crossotarsus bonvouloiri Chapuis. *Crossotarsus siva* Beeson. *Crossotarsus ursus* Schedl. *Scolytotplatypus partus* Sampson. *Scolytotplatypus pubescens* Hagedorn. *Scolytotplatypus raja* Blandford.

Entada gigas

Araptus laevigatus (Eggers).

Entadopsis abyssinica

Doliopygus erichsoni (Chapuis). *Hypothenemus eruditus* Westwood. *Xyleborus affinis* Eichhoff.

Entandrophragma angolense

Chaetastus tuberculatus (Chapuis). *Doliopygus chapuisi* (Duvivier). *Doliopygus conradti* (Strohmeyer). *Doliopygus dubius* (Sampson). *Doliopygus ghesquieri* (Schedl). *Doliopygus interjectus* Schedl. *Doliopygus lebruni* Schedl. *Doliopygus megatoma* Schedl. *Doliopygus serratus* (Strohmeyer). *Periommatus excisus* Strohmeyer. *Platypus hintzi* Schauffuss. *Platypus impressus* (Strohmeyer). *Platypus parallelus* (Fabricius). *Polygraphus bicolor* Eggers. *Prennobiobis sexspinosus* Eggers. *Trachyostus schaufussi* (Strohmeyer). *Xyleborus affinis* Eichhoff. *Xyleborus alluaudi* Schauffuss. *Xyleborus ferrugineus* (Fabricius). *Xyleborus piceus* (Motschulsky). *Xylosandrus crassiusculus* (Motschulsky).

Entandrophragma candollei

Chaetastus tuberculatus (Chapuis). *Doliopygus dubius* (Sampson). *Doliopygus ghesquieri* (Schedl). *Doliopygus serratus* (Strohmeyer). *Doliopygus tenuis* (Strohmeyer). *Periommatus excisus* Strohmeyer. *Platypus schenklingi* (Strohmeyer). *Platypus solutus* Schedl. *Trachyostus schaufussi* (Strohmeyer). *Xyleborus affinis* Eichhoff. *Xyleborus alluaudi* Schauffuss. *Xyleborus ferrugineus* (Fabricius).

Entandrophragma cylindricum

Chaetastus tuberculatus (Chapuis). *Doliopygus conradti* (Strohmeyer). *Doliopygus dubius* (Sampson). *Doliopygus nairobiensis* (Schedl). *Platypus hintzi* Schauffuss. *Platypus schenklingi* (Strohmeyer). *Trachyostus schaufussi* (Strohmeyer). *Xyleborus affinis* Eichhoff. *Xyleborus alluaudi* Schauffuss. *Xyleborus ferrugineus* (Fabricius). *Xyleborus piceus* (Motschulsky). *Xyleborus volvulus* (Fabricius). *Xylosandrus crassiusculus* (Motschulsky).

Entandrophragma excelsum

Chaetastus montanus Schedl. *Chaetastus tuberculatus* (Chapuis). *Doliopygus bidentatus* (Strohmeyer). *Periommatus grandis* Schedl. *Prennobiobis nukunyeae* (Schedl). *Xyleborus affinis* Eichhoff. *Xyleborus alluaudi* Schauffuss. *Xyleborus ambasiipennis* Schedl.

Entandrophragma spp.

Ambrosiodmus aegir (Eggers). *Ambrosiodmus obliquus* (LeConte). *Chaetastus tuberculatus* (Chapuis). *Doliopygus artespinatus* (Schedl). *Doliopygus chapuisi* (Duvivier). *Doliopygus ghesquieri* (Schedl). *Doliopygus lateralis* Schedl. *Doliopygus lebruni* Schedl. *Doliopygus lefevrei* Schedl. *Doliopygus megatoma* Schedl. *Doliopygus rapax* (Sampson). *Doliopygus*

serratus (Strohmeyer). *Doliopygus staneri* Schedl. *Doliopygus spectabilis* Schedl. *Doliopygus tenuis* (Strohmeyer). *Periommatus excisus* Strohmeyer. *Periommatus grandis* Schedl. *Polygraphus granulatus* Eggers. *Polygraphus granulifer* Eggers. *Trachyostus schaufussi* (Strohmeyer). *Triozastus marshalli* (Sampson). *Xyleborus ferrugineus* (Fabricius).

Entandrophragma utile

Chaetastus tuberculatus (Chapuis). *Cylindropalpus auricomans* (Schauffuss). *Doliopygus brevis* (Strohmeyer). *Doliopygus chapuisi* (Duvivier). *Doliopygus coeloccephalus* (Schauffuss). *Doliopygus conradti* (Strohmeyer). *Doliopygus minimus* (Schedl). *Doliopygus perbrevis* Schedl. *Platypus hintzi* Schauffuss. *Platypus parallelus* (Fabricius). *Xyleborinus sharpae* (Hopkins). *Xyleborus affinis* Eichhoff. *Xylosandrus compactus* (Eichhoff). *Xylosandrus crassiusculus* (Motschulsky).

Enterolobium cyclocarpum

Euwallacea xanthopus (Eichhoff).

Enterolobium saman

Platypus cupulatus Chapuis.

Enterolobium spp.

Euwallacea fornicatus (Eichhoff). *Xyleborus volvulus* (Fabricius).

Eperua falcata

Platypus tirosensis Reichardt. *Xyleborus parcellus* Wood.

Epicattleya spp.

Xylosandrus compactus (Eichhoff).

Epidendrum spp.

Xylosandrus compactus (Eichhoff).

Epischlia spp.

Hypothenemus bezaziani Peyerimhoff.

Eranthemum spp.

Xylosandrus compactus (Eichhoff).

Eriobotrya japonica

Hypothenemus eruditus Westwood.

Eriocoelum microspermum

Dryocotoides cristatus (Fabricius).

Eriocoelum spp.

Doliopygus erichsoni (Chapuis).

Erythrina abyssinica

Euwallacea xanthopus (Eichhoff). *Platypus impressus* (Strohmeyer). *Platypus solutus* Schedl. *Xyleborus alluaudi* Schauffuss. *Xyleborus piceus* (Motschulsky). *Xyleborus principalis* Eichhoff.

Erythrina burtii

Euwallacea xanthopus (Eichhoff).

Erythrina costaricensis

Monarthrum fimbriaticorne (Blandford). *Theoborus theobromae* Hopkins. *Xyleborus affinis* Eichhoff. *Xyleborus morulus* Blandford. *Xyleborus posticus* Eichhoff.

Erythrina cristagalli

Araptus hostilis (Blackman).

Erythrina indica

Xyleborus perforans (Wollaston).

Erythrina lithosperma

Euwallacea fornicatus (Eichhoff). *Euwallacea xanthopus* (Eichhoff). *Scolytotplatypus hirsutus* Blackman. *Xyleborus perforans* (Wollaston). *Xyleborus piceus* (Motschulsky). *Xyleborus similis* Ferrari. *Xylosandrus crassiusculus* (Motschulsky). *Xylosandrus morigerus* (Blandford).

Erythrina orientalis

Euwallacea fornicatus (Eichhoff).

Erythrina peoppigiana*Xyleborus ferrugineus* (Fabricius).***Erythrina* spp.**

Araptus hymenaeae (Eggers), *Doliopygus erichsoni* (Chapuis), *Eucallacea fornicatus* (Eichhoff), *Eucallacea interjectus* (Blandford), *Eucallacea xanthopus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus pennatus* Schedl, *Platypus pseudocupulatus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus piccus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

Erythrina vespertilio*Xyleborus similis* Ferrari.***Erythrocoeca* spp.**

Eucallacea xanthopus (Eichhoff), *Xyleborus alluaudi* Schaufuss, *Xyleborus principalis* Eichhoff.

Erythrophleum guineense

Chaetastus tuberculatus (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus artespiniatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus exilis* (Chapuis), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus maynei* Schedl, *Doliopygus medius* Schedl, *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicomis* Schedl, *Periommatatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Erythrophleum micranthum

Doliopygus dubius (Sampson), *Doliopygus exilis* (Chapuis), *Doliopygus tenuis* (Strohmeyer).

Erythrophleum* spp.Xyleborus affinis* Eichhoff.***Erythroxyloa novagranatense***

Cnestus bicornis (Eggers), *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Erythroxyloa sphaeranthrum*Cosmoderes niger* (Schedl).***Erythroxyloa* spp.**

Mitosoma obconiceps Schedl, *Mitosoma obliquatum* Schedl.

Eschweilera corrugata

Monarthrum dimidiatum (Ferrari), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

Eschweilera grata*Xyleborus affinis* Eichhoff.***Eschweilera sagotiana***

Platypus longulus Chapuis, *Platypus tiriensis* Reichardt, *Xyleborus parcellus* Wood.

***Eschweilera* spp.**

Phelloterus anaxeus Wood, *Phelloterus atrocis* Wood, *Phelloterus tersus* Wood, *Phloeotribus tetricus* Wood, *Phloeotribus venezuelensis* (Schedl), *Platypus filaris* Wood, *Platypus secus* Wood, *Pseudothysanotes subulatus* (Wood), *Tesserocranulus nevermanni* Schedl, *Xyleborus volvulus* (Fabricius).

Eschweilera subgladulosa*Dryocoetoides severus* Wood.***Eucalyptus acmenoides***

Hypothenemus melasomus (Lea), *Notoplatypus elongatus* Lea.

Eucalyptus bosistoana*Chaetastus tuberculatus* (Chapuis).***Eucalyptus botryoides****Chaetastus montanus* Schedl, *Xyleborus integer* Schedl.***Eucalyptus citriodora***

Ambrosiodmus neglectus (Schedl), *Chaetastus montanus* Schedl, *Crossotarsus externedentatus* (Fairmaire), *Doliopygus artespiniatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus excavatus* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicomis* Schedl, *Platypus solutus* Schedl, *Xyleborinus forcipatus* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus perforans* (Wollaston), *Xyleborus principalis* Eichhoff, *Xyleborus volvulus* (Fabricius).

Eucalyptus deglupta

Eccoptopterus limbus Sampson, *Platypus associatus* Schedl, *Platypus pseudocupulatus* Schedl, *Xyleborinus exiguus* (Walker), *Xyleborus gorggae* Schedl, *Xyleborus perforans* (Wollaston).

Eucalyptus drepanophylla

Notoplatypus elongatus Lea, *Xyleborus perforans* (Wollaston).

Eucalyptus excelsa*Dryocoetoides pseudosolitaris* (Eggers).***Eucalyptus fastigata****Austroplatypus incomptus* (Schedl).***Eucalyptus gigantea****Austroplatypus incomptus* (Schedl).***Eucalyptus globulus***

Scolytotatus darjeelingi Stebbing, *Xyleborus improbus* Sampson.

Eucalyptus grandis

Diapys quinquispinatus Chapuis, *Platypus solidus* Walker, *Platypus strenuus* Schedl, *Xyleborus perforans* (Wollaston).

Eucalyptus intermedia*Xyleborus perforans* (Wollaston).***Eucalyptus laevopinea****Platypus incostatus* Schedl.***Eucalyptus maculata***

Crossotarsus externedentatus (Fairmaire), *Platypus subgranosus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus antaisaka* Schedl, *Xyleborus perforans* (Wollaston).

Eucalyptus microcoris*Ambrosiodmus albizzianus* (Schedl).***Eucalyptus obliqua****Austroplatypus incomptus* (Schedl).***Eucalyptus paniculata***

Crossotarsus externedentatus (Fairmaire), *Xyleborus affinis* Eichhoff, *Xyleborus antaisaka* Schedl, *Xyleborus squamulatus* Eichhoff.

Eucalyptus pilularis*Austroplatypus incomptus* (Schedl).***Eucalyptus robusta***

Mitosoma truncatipennis Schedl, *Platypus furcatus* Blandford, *Xyleborus antaisaka* Schedl, *Xyleborus iheringi* Iglesias, *Xyleborus madagascariensis* Schaufuss, *Xyleborus sakalava* Schedl.

Eucalyptus rostrata*Platypus mutatus* Chapuis.

Eucalyptus saligna

Ambrosiodmus eichhoffi (Schreiner), *Chaetastus tuberculatus* (Chapuis), *Doliopygus artespinatus* (Schedl), *Doliopygus erichsoni* (Chapuis), *Platypus solutus* Schedl, *Xyleborus principalis* Eichhoff.

Eucalyptus seena

Xyleborus perforans (Wollaston).

Eucalyptus siberiana

Austroplatypus incomptus (Schedl).

Eucalyptus spp.

Amasa truncatus (Erichson), *Ambrosiodmus aegir* (Eggers), *Ambrosiodmus albizzianus* (Schedl), *Ambrosiodmus compressus* (Lea), *Ambrosiodmus innominatus* (Schedl), *Ambrosiodmus natalensis* (Schantz), *Ambrosiodmus obliquus* (LeConte), *Ambrosiodmus tropicus* (Hagedorn), *Crossotarsus fractus* Sampson, *Crossotarsus javanus* Beeson, *Diapus malgassicus* Schedl, *Doliopygus erichsoni* (Chapuis), *Doliopygus nairobiensis* (Schedl), *Dryocoetoides solitarinus* (Schedl), *Mitosoma obliquatum* Schedl, *Platypus navarrodeandradei* Marelli, *Platypus omnivorus* (Lea), *Premnobius catipennis* Eichhoff, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus submolestus* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus solidus* (Eichhoff).

Eucalyptus tereticornis

Xyleborus perforans (Wollaston).

Eucalyptus torelliana

Coptodryas parva (Lea).

Eucalyptus trachyphloia

Hypothenemus birmanus (Eichhoff).

Euclea natalensis

Lanurgus podocarpi Schedl.

Eugenia aequa

Dryocoetops eugeniae (Schedl).

Eugenia argutata

Diapus pusillinus Chapuis, *Diapus quinquespinatus* Chapuis.

Eugenia aromatica

Amasa baterradensis (Schedl), *Platypus caryophyllatus* Blandford.

Eugenia bernardii

Crossotarsus squamulatus Chapuis.

Eugenia buxifolia

Dendrosinus bourreriae Schwarz, *Hypothenemus birmanus* (Eichhoff), *Hypothenemus hirsutus* (Wood), *Hypothenemus seriatus* (Eichhoff).

Eugenia caryophyllata

Platypus caryophyllatus Schedl, *Xylosandrus cylindrotomicus* (Schedl).

Eugenia caryophylla

Xyleborus perforans (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky).

Eugenia cumini

Coccotrypes carpophagus (Hornung).

Eugenia formosa

Coccotrypes advena Blandford, *Coccotrypes cyperi* (Beeson), *Coccotrypes papuanus* (Eggers).

Eugenia glomerata

Platypus cupulatus Chapuis.

Eugenia grandis

Crossotarsus squamulatus Chapuis, *Crossotarsus wallacei* (Thomson).

Eugenia jambolana

Amasa eugeniae (Eggers), *Coccotrypes malgasicus* (Schedl), *Coccotrypes nubilis* (Blandford), *Coptodryas elegans* (Sampson), *Euwallacea bicolor* (Blandford), *Platypus cupulatus* Chapuis, *Platypus curtatus* Sampson, *Platypus errans* (Sampson), *Platypus eugeniae* Schedl, *Platypus latifinis* Walker, *Platypus madagascariensis* Chapuis, *Platypus uncinatus* Blandford, *Xyleborinus andrewesi* (Blandford), *Xyleborinus artemetriatus* (Eichhoff), *Xyleborinus forficuloides* (Schedl), *Xyleborinus reconditus* (Schedl), *Xyleborus haberkornii* Eggers, *Xyleborus jambolanaensis* Schedl, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky).

Eugenia lineata

Amasa circumcissulus (Schedl).

Eugenia malaccensis

Crossotarsus externedentatus (Fairmaire), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston).

Eugenia polyantha

Xylosandrus morigerus (Blandford).

Eugenia quadribacteata

Cyclorhipidion agnatum (Eggers).

Eugenia similis

Coccotrypes advena Blandford.

Eugenia spp.

Amasa aspersus (Sampson), *Amasa opalescens* (Schedl), *Arxyleborus malayensis* (Schedl), *Arxyleborus scabripennis* (Blandford), *Arxyleborus suturalis* (Eggers), *Cenoccephalus rugicollis* Schedl, *Coccotrypes cyperi* (Beeson), *Coptoborus bicolor* (Browne), *Coptoborus fragilis* (Browne), *Crossotarsus minax* (Walker), *Crossotarsus semicinctus* Schedl, *Crossotarsus terminatus* Chapuis, *Diapus papuanus* Schedl, *Euwallacea fomicatus* (Eichhoff), *Euwallacea laevis* (Eggers), *Euwallacea xanthopus* (Eichhoff), *Lanurgus cribrellus* Schedl, *Mitosoma sexspinosum* Schedl, *Platypus dignatus* Schedl, *Platypus lepidus* Chapuis, *Platypus longulus* Chapuis, *Platypus madagascariensis* Chapuis, *Platypus ovatus* Strohmeier, *Platypus westwoodi* Chapuis, *Scolytotypus parvus* Sampson, *Treptoplatypus trepanatus* (Chapuis), *Xyleborus adusticollis* (Motschulsky), *Xyleborus antaisaka* Schedl, *Xyleborus antanala* Schedl, *Xyleborus apertus* Schedl, *Xyleborus javanus* Eggers, *Xylosandrus compactus* (Eichhoff), *Xylosandrus omissus* (Schedl), *Xylosandrus oralis* (Schedl).

Eugenia subglaucia

Xyleborinus andrewesi (Blandford).

Euonymus alatus

Crossotarsus niponicus Blandford.

Euonymus atropurpureus

Hypothenemus eruditus Westwood.

Euonymus spp.

Altemoporus euonymi Kurenzov, *Hypothenemus eruditus* Westwood.

Eupatorium daleoides

Pityophthorus hermosus Wood, *Pityophthorus morosus* Wood.

Eupatorium pallescens

Arxyleborus scabripennis (Blandford), *Cnestus nitidipennis* (Schedl), *Cnestus suturalis* (Eggers), *Hadrodemus globus* (Blandford), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).

Eupatorium spp.

Eucallacca barbatulus (Schedl), *Scolytotplatypus nitidus* Eggers, *Xyleborus ciliatus* Eggers.

Eupatorium tapos

Xyleborus quadrispinosulus Eggers.

Eupatorium tjibeureum

Xylosandrus eupatorii (Eggers).

Euphorbia abyssinica

Triotennus aethiopicus Eggers.

Euphorbia amygdaloides

Thamnurgus varipes Eichhoff.

Euphorbia antiquorum

Cryphalogenes euphorbiae Wood, *Cryphalogenes exiguus* Wood.

Euphorbia balsamifera

Aphanarthrum affine Wollaston, *Aphanarthrum bicinctum* Wollaston, *Aphanarthrum canescens* Wollaston, *Aphanarthrum monodi* Paulian & Villiers, *Liparthrum bicaudatum* Wollaston.

Euphorbia beaumierana

Aphanarthrum mairei Peyerimhoff, *Cisurgus occidentalis* Peyerimhoff, *Coleobothrus alluaudi* (Peyerimhoff), *Triotennus longicollis* Peyerimhoff.

Euphorbia cactiformes

Cisurgus occidentalis Peyerimhoff.

Euphorbia canariensis

Aphanarthrum bicinctum Wollaston, *Aphanarthrum canariensis* Wollaston, *Aphanarthrum pygmaeum* Wollaston, *Cisurgus wollastoni* (Eichhoff), *Coleobothrus luridus* (Wollaston), *Triotennus subretusus* Wollaston.

Euphorbia characias

Thamnurgus characiae Rosenhauer, *Thamnurgus varipes* Eichhoff.

Euphorbia dendroides

Aphanarthrum affine Wollaston, *Liparthrum inarmatum* Wollaston, *Thamnurgus euphorbiae* (Kuster).

Euphorbia dregei

Styracoptinus euphorbiae (Bright).

Euphorbia echinus

Aphanarthrum mairei Peyerimhoff, *Cisurgus occidentalis* Peyerimhoff, *Coleobothrus alluaudi* (Peyerimhoff), *Triotennus longicollis* Peyerimhoff.

Euphorbia gerardiana

Thamnurgus euphorbiae (Kuster), *Thamnurgus varipes* Eichhoff.

Euphorbia handiensis

Aphanarthrum mairei Peyerimhoff, *Coleobothrus alluaudi* (Peyerimhoff).

Euphorbia megalallantica

Thamnurgus mairei Peyerimhoff.

Euphorbia mellifera

Aphanarthrum euphorbiae Wollaston.

Euphorbia neriifolia

Aphanarthrum indicum Wood.

Euphorbia obtusifolia

Aphanarthrum bicinctum Wollaston.

Euphorbia onoclada

Hypothenemus balachowskyi Menier, *Hypothenemus tefeforti* (Menier).

Euphorbia piscatoria

Aphanarthrum bicolor Wollaston, *Aphanarthrum piscatorium* Wollaston, *Liparthrum inarmatum* Wollaston.

Euphorbia regis-jubae

Aphanarthrum affine Wollaston, *Aphanarthrum bicin-*

tum Wollaston, *Aphanarthrum bicolor* Wollaston, *Aphanarthrum canescens* Wollaston, *Aphanarthrum jubae* Wollaston, *Liparthrum bicaudatum* Wollaston, *Liparthrum lowei* Wollaston.

Euphorbia resinifera

Aphanarthrum saturatum Peyerimhoff, *Triotennus longicollis* Peyerimhoff.

Euphorbia royleana

Aphanarthrum reticulatum Wood, *Aphanarthrum royaleanum* Wood, *Eucallacca interjectus* (Blandford).

Euphorbia spp.

Aphanarthrum armatum Wollaston, *Aphanarthrum glabrum* Wollaston, *Aphanarthrum piscatorium* Wollaston, *Aphanarthrum reticulatum* Wood, *Aphanarthrum royaleanum* Wood, *Aphanarthrum subglabrum* Israelson, *Aphanarthrum wollastoni* Israelson, *Coleobothrus gerneauxi* Menier, *Cyrtogenius africanus* Wood, *Cyrtogenius scotti* Eggers, *Liparthrum curtum* Wollaston, *Liparthrum lowei* Wollaston, *Triotennus scrofa* (Schedl), *Triotennus villiersi* Schedl.

Euphorbia stenoclada

Hypothenemus euphorbiae (Schedl), *Lamurgus euphorbiae* Schedl, *Lamurgus rugosipes* Schedl.

Euphorbia sudanica

Aphanarthrum duongi Villiers.

Euphorbia teke

Ambrosiodinus albizzianus (Schedl).

Euphorbia tirucalli

Acanthotomicus euphorbiae (Schedl), *Eucallacca xanthopus* (Eichhoff), *Hypothenemus eruditus* Westwood.

Euphorbia tuckeyana

Aphanarthrum hesperidum Wollaston, *Liparthrum loweanum* Wollaston.

Euphorbia wulfenii

Thamnurgus sardus Eggers.

Euphorbia spp.

Xylosandrus compactus (Eichhoff).

Euptelea polyandra

Crossotarsus niponicus Blandford.

Euroschinus falcatus

Coptodryas eucalyptica (Schedl), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Eurya japonica

Baiois perinivicus (Schedl), *Eucallacca velatus* (Sampson), *Platypus tenuissimus* Schedl, *Sueus nissimai* (Eggers), *Xyleborus octiesdentatus* Murayama, *Xyleborus volvulus* (Fabricius).

Euryops athanasiae

Thamnurgus euryopsis Schedl.

Eusideroxylon zwageri

Platypus biuncus Blandford, *Platypus cupulatus* Chapuis, *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Euterpe globosa

Coccotrypes robustus Eichhoff.

Euterpe oleracea

Araptus laevigatus (Eggers).

Evodia fraxinifolia

Cyclorhipidion hirtum (Hagedorn), *Platypus falcatus* Strohmeier, *Scolytotplatypus pubescens* Hagedorn, *Xyleborus hagedornianus* Schedl.

Evodia latifolia

Xyleborus piceus (Motschulsky).

Evodia meliaeifolia

Xyleborus atratus Eichhoff.

Erodia rutaecarpa*Cryphalus exiguus* Blandford.***Erodia* spp.***Ambrosiodinus lewisi* (Blandford), *Crossotarsus paucidentatus* Roberts, *Crossotarsus rasilis* Roberts, *Hypothenemus parvulus* Browne, *Platypus bajulus* Schedl, *Platypus jansoni* Chapuis, *Platypus juvenis* Schedl, *Platypus schysi* Chapuis, *Platypus solidus* Walker, *Scolytogenes papuanus* (Schedl).***Excoecaria agallocha****Cryphalus scabricollis* Eichhoff, *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford.***Excoecaria dallachyana****Scolytogenes atterimus* Wood, *Xyleborus similis* Ferrari.***Exogonium jalapa****Scolytogenes jalapae* (Letzner).***Eysenhardtia polyotacha****Chaetophloeus mexicanus* (Blackman).***Eysenhardtia* spp.***Chaetophloeus mexicanus* (Blackman).***Fagara angolense****Doliopygus chapuisi* (Duvivier), *Doliopygus excavatus* (Sampson), *Doliopygus serratus* (Strohmeyer).***Fagara capensis****Platypus sampsoni* (Schedl), *Xyleborinus aemulus* (Wollaston).***Fagara heitzi****Platypus hintzi* Schaufuss.***Fagara lemairei****Doliopygus expletus* Schedl, *Platypus orientalis* (Strohmeyer), *Xyleborus ferrugineus* (Fabricius).***Fagara macrophylla****Chaetastus tuberculatus* (Chapuis), *Doliopygus conradi* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus interjectus* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatus grandis* Schedl, *Pityophthorus joveri* Schedl, *Platypus hintzi* Schaufuss, *Platypus impolitus* Roberts, *Platypus parallelus* (Fabricius), *Polygraphus tenuis* Schedl, *Prennobilus nodulosus* Hagedorn, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).***Fagara* spp.***Eucallacea xanthopus* (Eichhoff), *Leptoxyleborus concisus* (Blandford), *Periommatus longicollis* Chapuis, *Platypus orientalis* (Strohmeyer), *Prennobilus cavipennis* Eichhoff, *Xyleborus amanicus* Hagedorn, *Xyleborus ferrugineus* (Fabricius), *Xyleborus principalis* Eichhoff.***Fagaropsis angolensis****Chaetastus tuberculatus* (Chapuis).***Fagraea fragrans****Anasa versicolor* (Sampson), *Arixyleborus suturalis* (Eggers), *Xyleborus perforans* (Wollaston), *Xyleborus submarginatus* Eggers.***Fagraea gigantea****Crossotarsus wallacei* (Thomson), *Diapus quinque-spinatus* Chapuis, *Eucallacea fornicatus* (Eichhoff), *Leptoxyleborus concisus* (Blandford), *Platypus suffodiens* Sampson, *Xyleborus emarginatus* Eichhoff, *Xyleborus fallax* Eichhoff.***Fagraea americana****Monarthrum mali* (Fitch).***Fagus crenata****Coccotrypes fagi* (Nobuchi), *Crossotarsus niponicus* Blandford, *Ernoporus shimaneensis* Murayama, *Indocryphalus pubipennis* (Blandford), *Platypus calamus* Blandford, *Platypus lewisi* Blandford, *Platypus modestus* Blandford, *Platypus severini* Blandford, *Taphrorychus pilosus* (Murayama), *Xyleborinus attenuatus* (Blandford), *Xyleborinus schaufussi* (Blandford), *Xyleborus atratus* Eichhoff, *Xyleborus seriatus* Blandford, *Xylosandrus mutilatus* (Blandford).***Fagus grandifolia****Cnesinus strigicollis* LeConte, *Dryocoetes betulae* Hopkins, *Hylocurus rudis* (LeConte), *Hypothenemus interstitialis* (Hopkins), *Hypothenemus rotundicollis* (Eichhoff), *Pseudopityophthorus fagi* Blackman, *Scolytus fagi* Walsh, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus ferrugineus* (Fabricius), *Xyleborus obesus* LeConte.***Fagus japonica****Crossotarsus niponicus* Blandford, *Hyorrhynchus lewisi* Blandford, *Platypus modestus* Blandford.***Fagus multinervis****Eucallacea validus* (Eichhoff), *Xyleborinus saxeseni* (Ratzeburg), *Xylosandrus germanus* (Blandford).***Fagus orientalis****Dryocoetes alni* (Georg), *Ernoporus fagi* (Fabricius), *Phloeotribus brevicollis* (Kolenati), *Platypus cylindrus* (Fabricius), *Taphrorychus bicolor* (Herbst), *Xyleborus monographus* (Fabricius).***Fagus* spp.***Ambrosiodinus tachygraphus* (Zimmermann), *Hylesinus toranio* (Danthione), *Platypus caviceps* Brown, *Platypus lewisi* Blandford, *Pseudopityophthorus minutissimus* (Zimmermann), *Scolytoplatypus daimio* Blandford, *Scolytoplatypus mikado* Blandford, *Scolytoplatypus shogun* Blandford, *Scolytoplatypus tycon* Blandford, *Scolytus carpini* (Ratzeburg), *Scolytus intricatus* (Ratzeburg), *Scolytus laevis* Chapuis, *Scolytus pygmaeus* (Fabricius), *Trypodendron domesticum* (Linnaeus), *Trypodendron signatum* (Fabricius), *Xyleborus dispar* (Fabricius), *Xyloterinus politus* (Say).***Fagus sylvatica****Ernoporus fagi* (Fabricius), *Ernoporus tiliae* (Panzer), *Platypus cylindrus* (Fabricius), *Taphrorychus bicolor* (Herbst), *Taphrorychus hirtellus* Eichhoff, *Xyleborus pfeili* (Ratzeburg), *Xyleborus sayi* (Hopkins), *Xylosandrus germanus* (Blandford).***Fanchera* spp.***Eucallacea xanthopus* (Eichhoff).***Faurea saligna****Chaetastus montanus* Schedl, *Cyclorhipidion cruciforme* (Schedl), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Platypus intermedius* (Schedl), *Polygraphus granulifer* Eggers, *Polygraphus kieuensis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss.***Ferdinandia adolphi-frederici****Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradi* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus punctiventris* Schedl, *Doliopygus serratus* (Strohmeyer), *Trachyostus atterrims* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus volutus* (Fabricius).***Ferula* spp.***Cisurgus ferulae* Pfeffer.***Ficus ampelos****Xylosandrus morigerus* (Blandford).

Ficus aspera*Ficicis varians* Lea.***Ficus asperifolia****Chaetastus tuberculatus* (Chapuis), *Eccoptopterus spinosus* (Olivier), *Platypus hintzi* Schaufuss, *Platypus spinulosus* (Strohmeyer), *Trachyostus aterrimus* (Schaufuss).***Ficus asperrima****Platypus latifinis* Walker, *Xyleborus similis* Ferrari.***Ficus aurea****Cncemonix ficus* (Schwarz), *Cryptocarenum seriatus* Eggers, *Hypothenemus birmanus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Hypothenemus javanus* (Eggers).***Ficus benghalensis****Diamerus variegatus* Schedl.***Ficus benjamina****Platypus cavius* Strohmeyer, *Platypus jansoni* Chapuis, *Xyleborus piceus* (Motschulsky).***Ficus bracteata****Coccotrypes advena* Blandford, *Coccotrypes cinnamomi* (Eggers).***Ficus capensis****Cryphalus kivuensis* Schedl, *Doliopygus bidentatus* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus rhodesianus* (Schedl), *Eucallacea xanthopus* (Eichhoff), *Hylesinopsis confusus* (Eggers), *Hylesinopsis granulatus* (Lepesme), *Hypothenemus eruditus* Westwood, *Hypothenemus lefevrei* (Schedl), *Platypus impressus* (Strohmeyer), *Platypus solutus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus principalis* Eichhoff.***Ficus carica****Ambrosiodmus lewisi* (Blandford), *Aricerus eichhoffi* Blandford, *Cryphalus wapleri* Eichhoff, *Ficicis varians* Lea, *Hadrodemius amorphus* (Eggers), *Hypoborus ficus* Erichson, *Hypothenemus eruditus* Westwood, *Liparthrum curtum* Wollaston.***Ficus chorocarpa****Xyleborinus artemcomans* (Schedl).***Ficus corylifolia****Xyleborus ferrugineus* (Fabricius).***Ficus cotinifolia****Phloeotribus setulosus* Eichhoff.***Ficus elastica****Diamerus fici* Blandford, *Platypus pseudocupulatus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus perforans* (Wollaston).***Ficus eriobotryoides****Chaetastus montanus* Schedl, *Platypus ficus* Roberts.***Ficus exasperata****Chaetastus tuberculatus* (Chapuis), *Diamerus imperfectus* Eggers, *Diapus quinquespinitus* Chapuis, *Doliopygus brevis* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus medius* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Periommatous excisus* Strohmeyer, *Periommatous pseudomajor* Schedl, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus eichhoffianus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus scobinatus* Hagedorn, *Xyleborus volcivulus* (Fabricius).***Ficus fistulosa****Scolytopylatypus nitidus* Eggers, *Xyleborus perforans* (Wollaston).***Ficus glabella****Diamerus minor* Eggers.***Ficus glabrata****Hylocurus disparilis* Wood.***Ficus glomerata****Coccotrypes cyperi* (Beeson), *Coccotrypes variabilis* (Beeson), *Cryphalus dorsalis* (Motschulsky), *Platypus cavius* Strohmeyer, *Platypus cupulatus* Chapuis, *Platypus lepidus* Chapuis, *Platypus uncinatus* Blandford, *Xyleborus perforans* (Wollaston).***Ficus hauli****Xylosandrus ursulus* (Eggers).***Ficus hispida****Eucallacea malloti* (Eggers).***Ficus infectoria****Platypus errans* (Sampson), *Xyleborus perforans* (Wollaston), *Xyleborus pumilus* Eggers.***Ficus laurifolia****Cladoctonus major* (Eggers).***Ficus macrophylla****Acanthotomicus australis* (Schedl), *Aricerus eichhoffi* Blandford.***Ficus macrosperma****Platypus ficus* Roberts.***Ficus mallatocarpa****Periommatous grandis* Schedl.***Ficus melleri****Cryphalus pallidus* Eichhoff.***Ficus minahassae****Cryphalus densipilosus* Schedl, *Platypus luniger* Motschulsky, *Xyleborus affinis* Eichhoff.***Ficus mucoso****Hypothenemus eruditus* Westwood, *Xyleborus ficus* Eggers.***Ficus natalensis****Eccoptopterus spinosus* (Olivier), *Xyleborus madagascariensis* Schaufuss.***Ficus pilosa****Hypothenemus eruditus* Westwood.***Ficus polita****Hylesinopsis ficus* (Schedl), *Hylesinopsis joveri* (Schedl), *Hypothenemus pubipennis* (Eggers).***Ficus preussii****Doliopygus conradti* (Strohmeyer), *Platypus hintzi* Schaufuss.***Ficus religiosa****Coccotrypes vulgaris* (Eggers), *Diamerus variegatus* Schedl, *Dactylipalpus transversus* Chapuis, *Erniodadius corpulentus* (Sampson), *Xyleborinus artemistriatus* (Eichhoff), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.***Ficus roxburghii****Coccotrypes longior* (Eggers).***Ficus rubiginosa****Aricerus eichhoffi* Blandford.***Ficus rumphii****Cryphalus dorsalis* (Motschulsky), *Diamerus variegatus* Schedl.***Ficus seretii****Ambrosiodmus tropicus* (Hagedorn), *Xyleborus fallax* Eichhoff.***Ficus soroceoides****Ambrosiodmus triton* (Schaufuss), *Eucallacea xantho-*

pus (Eichhoff), *Mitosoma crenulatum* Chapuis, *Mitosoma dispar* Schedl, *Mitosoma excisum* Schauffuss, *Platypus madagascariensis* (Chapuis), *Xyleborinus spiculatus* (Schauffuss), *Xyleborinus spinosus* (Schauffuss), *Xyleborus alluaudi* Schauffuss, *Xyleborus sakalava* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus hirsutipennis* (Schedl).

Ficus spp.

Acanthotomicus fici Browne, *Acanthotomicus kepongi* (Schedl), *Acanthotomicus perexiguus* (Blandford), *Ambrosiodmus declivispinatus* (Schedl), *Ambrosiodmus eichhoffi* (Schreiner), *Ambrosiodmus obliquus* (LeConte), *Araptus aztecus* (Wood), *Araptus consobrinus* Wood, *Araptus facetus* Wood, *Araptus obsoletus* (Blandford), *Araptus speciosus* Wood, *Aricerus chapuisi* Blandford, *Aricerus eichhoffi* Blandford, *Arixyleborus scabripennis* (Blandford), *Baioeis inimicus* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cnemomyia evidens* Wood, *Cnesinus setulosus* Blandford, *Cnestus nitidus* (Schedl), *Coccotrypes gedeanus* (Eggers), *Coccotrypes medius* (Eggers), *Coccotrypes petioli* (Browne), *Corthylus abbreviatus* Eichhoff, *Corthylus additus* Wood, *Corthylus diligens* Wood, *Crossotarsus squamulatus* Chapuis, *Cryphalus exiguus* Blandford, *Cryphalus scabricollis* Eichhoff, *Cryphalus sylvicola* (Perkins), *Cryphalus wapleri* Eichhoff, *Cyclorhupidion crucifer* (Hagedorn), *Diameris ater* Hagedorn, *Diameris curvifer* (Walker), *Diameris fici* Blandford, *Diameris impar* Chapuis, *Diameris pulverulentus* Gerstaecker, *Diameris variegatus* Schedl, *Diapus pusillimus* Chapuis, *Diapus spinifer* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus medius* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus spectabilis* Schedl, *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Euwallacea quadratocollis* (Eggers), *Ficicis despectus* (Walker), *Ficicis javanus* (Eggers), *Ficicis maculipennis* (Schedl), *Ficicis philippinensis* (Eggers), *Glostatus acaciae* (Schedl), *Gymnochilus consocius* (Blandford), *Gymnochilus minor* (Blandford), *Gymnochilus reitteri* Eichhoff, *Gymnochilus zonatus* Eichhoff, *Hylesinopsis fasciatus* (Hagedorn), *Hylesinopsis hirsutus* (Schedl), *Hylesinopsis saudiaraibiae* (Schedl), *Hypocryphalus perminimus* (Schedl), *Hypothenemus brunneus* (Hopkins), *Hypothenemus columbi* Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus erectus* LeConte, *Hypothenemus eruditus* Westwood, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus malus* (Schedl), *Hypothenemus seriatus* (Eichhoff), *Hypothenemus trivialis* Wood, *Indocryphalus pubipennis* (Blandford), *Leptoxyleborus concisus* (Blandford), *Liparthrum americanum* Wood, *Liparthrum mexicanum* Wood, *Mesoplatypus kitushi* Schedl, *Mitosoma paulianum* Schedl, *Mitosoma sex-spinosum* Schedl, *Monarthrum exornatum* (Schedl), *Periommatum excisum* Strohmeyer, *Periommatum grandis* Schedl, *Phloeoborus scaber* Erichson, *Phloeotribus fici* Wood, *Phloeotribus geminus* Wood, *Phloeotribus maurus* Wood, *Phloeotribus opimus* Wood, *Phloeotribus setulosus* Eichhoff, *Platypus deceptor* Wood, *Platypus formosanus* Nisina & Murayama, *Platypus gilweei* Roberts, *Platypus hintzi* Schauffuss, *Platypus indicus* Strohmeyer, *Platypus jansoni* Chapuis, *Platypus loricatus* (Sampson), *Platypus negatus* Schedl, *Platypus nocuus* Schedl, *Platypus orientalis* (Strohmeyer), *Platypus pseudocupulatus* Schedl, *Platypus quadrispinis* Browne, *Platypus reichei* Chapuis, *Platypus solidus*

Walker, *Platypus tenellus* Schedl, *Platypus westwoodi* Chapuis, *Polygraphus kivuensis* Schedl, *Premnobius mukunyae* (Schedl), *Premnobius sexspinosus* Eggers, *Pycnarthrum hispidum* (Ferrari), *Pycnarthrum reticulatum* Schedl, *Pycnarthrum setulosum* Waterhouse, *Scolytodes amoenus* Wood, *Scolytodes cubensis* (Schedl), *Scolytodes erineophilus* Wood, *Scolytodes exiguus* Wood, *Scolytodes facetus* Wood, *Scolytodes ficicola* Wood, *Scolytodes fivorus* Wood, *Scolytodes genialis* Wood, *Scolytodes lepidus* Wood, *Scolytodes micidius* Wood, *Scolytodes pseudopiceus* Wood, *Scolytodes reticulatus* (Wood), *Scolytodes rugicollis* (Schedl), *Scolytodes schwarzi* (Hopkins), *Scolytodes tenuis* (Wood), *Scolytodes venustus* Wood, *Scolytotplatypus kivuensis* Schedl, *Scolytotplatypus pusillus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Tricolus simplicis* Wood, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus amanicus* Hagedorn, *Xyleborus ambasi-pennis* Schedl, *Xyleborus ambasiusculus* Eggers, *Xyleborus barumbuensis* Eggers, *Xyleborus comparabilis* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus multi-spinatus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus posticus* Eichhoff, *Xyleborus similis* Ferrari, *Xyleborus sparsipilosus* Eggers, *Xyleborus tenellus* Schedl, *Xyleborus truncatulus* Schedl, *Xyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus curtulus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Ficus stenocarpa

Ficicis varians Lea, *Xyleborus perforans* (Wollaston).

Ficus thomningii

Cryphalus bellus Schedl, *Cryphalus pallidus* Eichhoff.

Ficus variegata

Xyleborinus andrewesi (Blandford).

Ficus vogelii

Periommatum grandis Schedl, *Periommatum longicollis* Chapuis, *Platypus glabratus* Roberts, *Platypus hintzi* Schauffuss.

Ficus wightiana

Cryphalus fivorus Murayama, *Cryphalus furukawai* Murayama.

Ficus xylophylla

Coccotrypes cinnamomi (Eggers).

Ficus zenkeri

Doliopygus chapuisi (Duvivier), *Doliopygus serratus* (Strohmeyer).

Fissicalyx fendleri

Xyleborus ferrugineus (Fabricius).

Fissistigma elegans

Acacis malayanus Browne, *Cnestus aterrimus* (Eggers), *Coptodryas curvidentis* (Schedl), *Euwallacea fornicatus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Flacourtia spp.

Xylosandrus compactus (Eichhoff).

Flemingia strobilifera

Xylosandrus morigerus (Blandford).

Flindersia acuminata

Xyleborus insulindicus Eggers.

Flindersia bourjotiana

Xyleborus perforans (Wollaston).

Flindersia brayleyana

Coptodryas eucalyptica (Schedl), *Xyleborus perforans* (Wollaston).

Flindersia laevis*Xyleborus perforans* (Wollaston).**Flindersia pubescens***Peridryocetes queenslandi* Schedl, *Platypus scalaris* Schedl, *Platypus semigranosus* (Sampson).**Flindersia schotiana***Xyleborus emarginatus* Eichhoff.**Flindersia spp.***Ambrosiodinus compressus* (Lea), *Hylesinus nilgirinus* Eggers, *Xylosandrus compactus* (Eichhoff).**Flourensia cernua***Chaetophloeus sulcatus* (Wood).**Foetida clusioides***Ambrosiodinus inominatus* (Schedl), *Mitosoma lobatum* Schedl, *Xyleborinus mitosomipennis* (Schedl).**Fordia spp.***Crossotarsus squamulatus* Chapuis, *Hadrodemius comans* (Sampson).**Franseria spp.***Pityophthorus franseriae* Wood, *Pityophthorus torridus* Wood.**Fraxinus americana***Hylesinus aculeatus* Say, *Hylesinus californicus* (Swaine), *Hylesinus criddlei* (Swaine), *Hylesinus fasciatus* LeConte, *Hylesinus pruinosus* Eichhoff.**Fraxinus anomala***Hylesinus mexicanus* (Wood).**Fraxinus chinensis***Ambrosiodinus rubricollis* (Eichhoff).**Fraxinus commemoralis***Platypus contaminatus* (Blandford).**Fraxinus excelsa***Hylesinus crenatus* (Fabricius).**Fraxinus excelsior***Hylesinus eos* Spessivtsev, *Hylesinus ornii* Fuchs, *Hylesinus toranio* (Danthione), *Phloeotribus caucasicus* Reitter, *Pteleobius kraatzi* (Eichhoff), *Scolytus kirschi* Skalitzky, *Scolytus scolytus* (Fabricius).**Fraxinus excelsior hookeri***Hylesinus macmahoni* (Stebbing).**Fraxinus floribunda***Hylesinus macmahoni* (Stebbing).**Fraxinus japonica***Platypus calamus* Blandford.**Fraxinus lanuginosa***Platypus severini* Blandford.**Fraxinus lanuginosa serrata***Hylesinus cingulatus* Blandford, *Hylesinus laticollis* Blandford.**Fraxinus latifolia***Hylesinus californicus* (Swaine), *Hylesinus oregonus* (Blackman).**Fraxinus longiscapus***Hylesinus cingulatus* Blandford.**Fraxinus mandshurica***Emporicus spessivtzevi* Berger, *Hylesinus chodkovskiyi* Berger, *Hylesinus costatus* Blandford, *Hylesinus crenatus* (Fabricius), *Hylesinus eos* Spessivtsev, *Hylesinus lubarskii* Stark, *Hylesinus nobilis* Blandford, *Hylesinus pravdini* Stark, *Hylesinus shabliovskiyi* Kurenzov, *Procrpyphalus fraxini* (Berger), *Scolytus trispinosus* Strohmeier, *Xyleborus dispar* (Fabricius), *Xyleborus maiche* (Stark).**Fraxinus mandshurica japonica***Crossotarsus niponicus* Blandford, *Hylesinus cingulatus* Blandford, *Hylesinus laticollis* Blandford.**Fraxinus ornus***Hylesinus ornii* Fuchs, *Hylesinus toranio* (Danthione), *Phloeotribus muricatus* (Eggers).**Fraxinus oxyphylla***Hylesinus crenatus* (Fabricius), *Phloeotribus fraxini* (Eggers).**Fraxinus pennsylvanica***Hylesinus californicus* (Swaine), *Hylesinus criddlei* (Swaine).**Fraxinus rhynchophylla***Hylesinus cingulatus* Blandford, *Hylesinus laticollis* Blandford.**Fraxinus sieboldiana***Hylesinus costatus* Blandford, *Platypus contaminatus* (Blandford).**Fraxinus sogdiana***Hylesinus prutenkii* Sokanovskii.**Fraxinus spaethiana***Hylesinus laticollis* Blandford, *Platypus severini* Blandford.**Fraxinus spp.***Hylesinus aculeatus* Say, *Hylesinus botscharnikovi* Stark, *Hylesinus crenatus* (Fabricius), *Hylesinus guatemalensis* (Wood), *Hylesinus mandshuricus* Eggers, *Hylesinus tupolevi* Stark, *Hylesinus varius* (Fabricius), *Hylesinus wachtlei* Reitter, *Phloeotribus mayeti* (Guillebeau), *Platypus compositus* Say, *Platypus cylindrus* (Fabricius), *Scolytotplatypus daimio* Blandford, *Scolytotplatypus tycon* Blandford, *Scolytus japonicus* Chapuis, *Trypodendron domesticum* (Linnaeus), *Trypodendron signatum* (Fabricius), *Xyleborus dispar* (Fabricius), *Xyleborus sayi* (Hopkins), *Xylosandrus compactus* (Eichhoff), *Xylosandrus germanus* (Blandford), *Xylosterinus politus* (Say).**Fraxinus uhdei***Hylesinus aztecus* Wood.**Fraxinus velutina***Hylesinus californicus* (Swaine).**Fremontia californica***Pseudothysanoes hopkinsi* Blackman.**Freyinetia arborea***Coccotrypes dactyliperda* (Fabricius), *Xyleborus ignobilis* Perkins.**Freyinetia hombronii***Xylosandrus morigerus* (Blandford).**Freyinetia spp.***Xyleborus agamus* Perkins.**Fuchsia spp.***Xylosandrus morigerus* (Blandford).**Funtumia elastica***Ambrosiodinus aegir* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Cyclorhipidion crucipenne* (Schedl), *Doliopygus conradti* (Strohmeier), *Platypus orientalis* (Strohmeier), *Xyleborinus similans* (Eggers).**Funtumia latifolia***Doliopygus erichsoni* (Chapuis), *Periommatius grandis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky).**Galactia spiciformis***Hypothenemus brunneus* (Hopkins), *Hypothenemus californicus* Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Hypothenemus squamosus* (Hopkins).**Galbulimima belgraveana***Platypus dobunabae* Roberts & Morimoto.

Galbulimima spp.

Diapus elongatus Schedl, *Diapus orcogenus* Roberts, *Platypus cymbiformis* Roberts, *Platypus galbulinimae* Roberts & Morimoto, *Platypus grunicus* Roberts, *Platypus longissimus* Roberts, *Platypus noepartibilis* Roberts.

Galiniera coffeoides

Xyleborinus collarti (Eggers).

Ganua spp.

Cryphalus nitens Browne.

Garcinia gnetoides

Doliopygus nigeriensis Roberts.

Garcinia merguensis

Coccotrypes gedeanus (Eggers), *Coccotrypes tunggali* (Schedl), *Xyleborus bidentatus* (Motschulsky).

Garcinia myrtifolia

Platypus vitensis Roberts.

Garcinia polyantha

Chaetastus persimilis (Schedl), *Dactylipalpus parricida* Eggers, *Doliopygus artespianatus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus serratus* (Strohmeyer), *Mesoplatypus kitushi* Schedl, *Periommatius longicollis* Chapuis, *Phrixosoma major* (Eggers), *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Polygraphus longipilis* Schedl, *Polygraphus sulcatus* Schedl, *Prennobiobius hystrix* (Schedl), *Prennobiobius nodulosus* Hagedorn, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xyleborus scobinatus* Hagedorn, *Xylosandrus crassiusculus* (Motschulsky).

Garcinia punctata

Chaetastus tuberculatus (Chapuis), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Hypothenemus eruditus* Westwood, *Periommatius longicollis* Chapuis, *Phrixosoma garciniae* (Schedl), *Phrixosoma uniseriata* (Eggers), *Platypus intermedius* (Schedl), *Polygraphus subsulcatus* Schedl, *Prennobiobius mukunyeae* (Schedl), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus pilosellus* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus katangensis* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Garcinia smeathmannii

Chaetastus montanus Schedl.

Garcinia spp.

Amasa schlichii (Stebbing), *Ambrosiodinus tropicus* (Hagedorn), *Baiocis nubilosus* Roberts & Morimoto, *Coptodryas nugax* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus nitidulus* (Schedl), *Cryphalus ater* Browne, *Diamerus impar* Chapuis, *Diamerus luteus* Hagedorn, *Diapus angustidentus* Roberts, *Diapus bispinus* Schedl, *Diapus nebulosus* Roberts, *Diapus oomsis* Roberts, *Diapus papuanus* Schedl, *Diapus pusillinus* Chapuis, *Diapus turgidus* Roberts, *Hypocryphalus sandakanensis* (Schedl), *Peridryocetes nitens* (Schedl), *Phrixosoma psaltes* (Hagedorn), *Platypus apicaloides* Schedl, *Platypus cupulatus* Chapuis, *Platypus gumienis* Roberts, *Platypus hamaticollis* Schedl, *Platypus ivagaii* Roberts & Morimoto, *Platypus pseudocupulatus* Schedl, *Polygraphus tenuis* Schedl, *Prennobiobius cavipennis* Eichhoff, *Scolytogenes gracilis* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborus brevipennis* Schedl, *Xyleborus colvulus* (Fabricius).

Garcinia verrucosa

Ambrosiodinus camphorae (Hagedorn), *Mitosoma*

lobatum Schedl, *Polygraphus creber* Schedl, *Xyleborinus cupulatus* (Schedl), *Xyleborinus forficuloides* (Schedl).

Gardenia spp.

Xyleborus nitens Browne.

Geruga floribunda

Platypus petax Schedl.

Geruga pinnata

Crossotarsus externedentatus (Fairmaire), *Cryphalus scabricollis* Eichhoff, *Eucallacea andamanensis* (Blandford), *Eucallacea interjectus* (Blandford), *Platypus solidus* Walker, *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston).

Geruga spp.

Platypus jansoni Chapuis, *Xyleborinus andrewesi* (Blandford).

Gaumarouna panamensis

Xyleborus affinis Eichhoff.

Gaylussacia spp.

Corthylus punctatissimus (Zimmermann), *Xylosandrus crassiusculus* (Motschulsky).

Geijera salicifolia

Platypus solidus Walker.

Geniosporum paludosum

Eucallacea xanthopus (Eichhoff), *Hypothenemus grandis* Schedl, *Thammurgus granulicollis* Schedl, *Xylocleptes sidanus* (Schedl).

Genista horrida

Liparthrum genistae (Aube).

Genista numidica

Liparthrum genistae (Aube), *Phloeotribus peyerimhoffi* (Eggers).

Genista spp.

Phloeotribus cristatus (Fauvel), *Phloeotribus rhododactylus* (Marshall).

Geranium spp.

Hypothenemus eruditus Westwood.

Germari spp.

Hypothenemus eruditus Westwood.

Gilbertiodendron dewevrei

Coccotrypes grandis (Eggers), *Doliopygus lebruni* Schedl, *Doliopygus tenuis* (Strohmeyer), *Hypothenemus biseriatus* (Eggers), *Hypothenemus macrolobii* (Eggers), *Hypothenemus socialis* (Schedl), *Trachyostus aterrimus* (Schaufuss), *Triozastus marshalli* (Sampson), *Xyleborus ambasiusculus* Eggers.

Gilbertiodendron spp.

Hypothenemus camerunus (Eggers).

Giricidia sepium

Hypothenemus brunneus (Hopkins).

Gironniera spp.

Crossotarsus wallacei (Thomson).

Girstona jentinsiana

Platypus curtatus Sampson.

Gleditschia japonica

Neopteleobius scutulatus (Blandford).

Gleditschia spp.

Dryocoetoides pseudosolarius (Eggers), *Xyleborus dispar* (Fabricius), *Xyleborus spinulosus* Blandford.

Gleditschia triacanthos

Hylocurus langstoni Blackman, *Thysanoes fimbriicornis* LeConte.

Giricidia maculata

Xylosandrus crassiusculus (Motschulsky).

Gliricidia sepium

Eucallacea fornicatus (Eichhoff), *Xyleborus perforans* (Wollaston).

Glochidion spp.

Diaprus papuanus Schedl, *Diaprus quinquespinnatus* Chapuis, *Diaprus turgidus* Roberts, *Eucallacea xanthopus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Gluta elegans

Crossotarsus browni Schedl, *Cryphalus substriatus* Schedl.

Gluta rengas

Platypus biuncus Blandford.

Gluta spp.

Diaprus quinquespinnatus Chapuis.

Gluta tourtour

Xylosandrus crassiusculus (Motschulsky).

Gluta travancorica

Coccotrypes cyperi (Beeson), *Crossotarsus minas* (Walker), *Eccoptopterus spinosus* (Olivier), *Pityophthorus glutae* Wood, *Platypus cavus* Strohmeier, *Xylosandrus crassiusculus* (Motschulsky).

Glycine max

Hypothenemus crudiae (Panzer).

Gmelina arborea

Anasa versicolor (Eichhoff), *Ambrosiodmus lantanae* (Eggers), *Coccotrypes salakensis* (Schedl), *Coptodryas mus* (Eggers), *Eccoptopterus sagittarius* Schedl, *Eucallacea andamanensis* (Blandford), *Eucallacea fornicatus* (Eichhoff), *Eucallacea interjectus* (Blandford), *Eucallacea malloti* (Eggers), *Eucallacea velatus* (Sampson), *Platypus insularis* Strohmeier, *Platypus pseudocupulatus* Schedl, *Platypus solidus* Walker, *Platypus uncinatus* Blandford, *Premnobius ambitiosus* (Schaufuss), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus pseudopilifer* Schedl, *Xylosandrus difficilis* (Eggers), *Xylosandrus metagermanus* (Schedl).

Gomphia serrata

Xylosandrus mancus (Blandford).

Gontoma camassi

Xyleborinus aemulus (Wollaston).

Gonystylus bancanus

Platypus hamaticollis Schedl, *Platypus pseudocupulatus* Schedl, *Platypus signatus* Chapuis, *Platypus westwoodi* Chapuis, *Treptoplatypus trepanatus* (Chapuis).

Gonystylus confusus

Coccotrypes medius (Eggers).

Gonystylus punctatus

Platypus vitiensis Roberts.

Gonystylus spp.

Genyocerus sexporus (Schedl), *Platypus magnus* Browne, *Platypus pseudocupulatus* Schedl, *Platypus westwoodi* Chapuis, *Xylosandrus ursulus* (Eggers).

Gordonia zeylanica

Crossotarsus terminatus Chapuis, *Platypus furcatus* Blandford.

Gossampinus heptaphylla

Xyleborus piceus (Motschulsky).

Gossweilerodendron balsamiferum

Chaetastus tuberculatus (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Cylindropalpus laudatus* (Schedl), *Doliopygus conradti* (Strohmeier), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus expletus* Schedl, *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl,

Doliopygus medius Schedl, *Doliopygus megatoma* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeier), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeier), *Doliopygus unicornis* Schedl, *Perionunatus grandis* Schedl, *Platypus parallelus* (Fabricius), *Platypus schenklingi* (Strohmeier), *Strombophorus ericius* (Schaufuss), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeier), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus eichhoffianus* Schedl, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Gossweilerodendron spp.

Ambrosiodmus eichhoffi (Schreiner), *Ambrosiodmus obliquus* (LeConte), *Ambrosiodmus tropicus* (Hagedorn), *Diamerus impar* Chapuis.

Gossypiospermum praecox

Platypus pulchellus Chapuis.

Gossypium hirsutum

Ambrosiodmus eichhoffi (Schreiner), *Ambrosiodmus tropicus* (Hagedorn), *Hypothenemus carbonarius* (Eggers), *Hypothenemus eruditus* Westwood, *Hypothenemus javanus* (Eggers), *Premnobius ambitiosus* (Schaufuss), *Premnobius circumspinnatus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus sub-tuberculatus* Eggers, *Xyleborus volvulus* (Fabricius).

Gossypium spp.

Hypothenemus eruditus Westwood, *Hypothenemus gossypii* (Hopkins), *Pseudothysanoes excavatus* (Wood), *Pseudothysanoes obesus* (Wood), *Xylosandrus compactus* (Eichhoff).

Gossypium tomentosum

Hypothenemus eruditus Westwood.

Gouania glandulosa

Eucallacea xanthopus (Eichhoff), *Xyleborinus spiculatus* (Schaufuss), *Xyleborinus spinosus* (Schaufuss), *Xyleborus alluaudi* Schauffuss, *Xyleborus madagascariensis* Schauffuss.

Gouldia spp.

Xylosandrus compactus (Eichhoff).

Graptophyllum spp.

Xylosandrus compactus (Eichhoff).

Grevillea pierrard

Ambrosiodmus albizzianus (Schedl).

Grevillea robusta

Ambrosiodmus albizzianus (Schedl), *Cryphalus asperulus* Schedl, *Cryphalus puberulus* Schedl, *Cryphalus subcompactus* Lea, *Diaprus pusillimus* Chapuis, *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus excavatus* (Sampson), *Eucallacea fornicatus* (Eichhoff), *Platypus solutus* Schedl, *Xyleborus perforans* (Wollaston), *Xyleborus principalis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).

Grevillea spp.

Ambrosiodmus aegir (Eggers), *Ambrosiodmus obliquus* (LeConte), *Chaetastus montanus* Schedl, *Doliopygus citri* Schedl, *Doliopygus erichsoni* (Chapuis), *Scolytotplatypus fasciatus* Hagedorn, *Triozastus marshalli* (Sampson), *Xylosandrus brevis* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).

Grewia asiatica

Hypothenemus brunneus (Hopkins), *Hypothenemus crudiae* (Panzer).

Grewia laevigata

Xylosandrus morigerus (Blandford).

Grewia latifolia

Hypothenemus cruditus Westwood, *Xylosandrus ater* (Eggers).

Grewia mildbraedii

Chaetastus tuberculatus (Chapuis), *Doliopygus expletus* Schedl, *Eucallacea xanthopus* (Eichhoff), *Periommatatus grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus solutus* Schedl, *Platypus spinulosus* (Strohmeyer), *Polygraphus dimorphus* Schedl, *Triozastus marshalli* (Sampson), *Xyleborus principalis* Eichhoff.

Grewia paniculata

Cnestus aterrimus (Eggers), *Xylosandrus manicus* (Blandford).

***Grewia* spp.**

Arxyleborus suturalis (Eggers), *Crossotarsus fractus* Sampson, *Crossotarsus inermis* Schedl, *Crossotarsus squamulatus* Chapuis, *Eccoptopterus limbus* Sampson, *Scolytoplattypus parvus* Sampson, *Xyleborus perforans* (Wollaston), *Xylosandrus manicus* (Blandford).

Grewia tiliaefolia

Coccotrypes nubilus (Blandford), *Eucallacea andamanensis* (Blandford), *Xyleborus perforans* (Wollaston).

Grewia tomentosa

Xyleborus javanus Eggers.

Grewia vestita

Coccotrypes nubilus (Blandford), *Xyleborus perforans* (Wollaston).

Guacea quara

Hypothenemus seriatus (Eichhoff).

***Guapira* spp.**

Dendrosinus mexicanus Wood.

Guarea cedrata

Chaetastus tuberculatus (Chapuis), *Cryphalus bellus* Schedl, *Cylindropalpus auricomans* (Schaufuss), *Cylindropalpus laudatus* (Schedl), *Doliopygus artespianus* (Schedl), *Doliopygus brevis* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus jurioni* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Eucallacea granosus* (Schedl), *Hypothenemus cruditus* Westwood, *Periommatatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Platypus solutus* Schedl, *Platypus spinulosus* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus subutuberculatus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Guarea laurentii

Chaetastus tuberculatus (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Cylindropalpus laudatus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus lecomtei* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus proximus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus spectabilis* Schedl, *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Eucallacea xanthopus* (Eichhoff), *Miocryphalus congonus* Eggers, *Periommatatus grandis* Schedl, *Platypus hintzi* Schaufuss,

Platypus impressus (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus schenklingi* (Strohmeyer), *Platypus solutus* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piccus* (Motschulsky), *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Guarea* spp.**

Premnobius cavipennis Eichhoff.

Guarea thompsonii

Chaetastus tuberculatus (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus divaricus* (Schedl), *Doliopygus erichsoni* (Chapuis), *Doliopygus lebruni* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minutissimus* (Schedl), *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus staneri* Schedl, *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Platypus hintzi* Schaufuss, *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piccus* (Motschulsky), *Xyleborus volvulus* (Fabricius).

Guarea trichiloides

Hypothenemus trinitatis (Hopkins), *Pycnarthrum fulgidum* Wood.

***Guatteria* spp.**

Coptoborus tolimanus (Eggers), *Hypothenemus bolivianus* (Eggers), *Taurodemus splendidus* (Schaufuss).

Guazuma ulmifolia

Cnesinus punctatus Blandford, *Coptoborus catulus* (Blandford), *Microcorthyus inermis* Wood.

***Guettarda* spp.**

Xyleborus biconicus Eggers.

Guevina abelana

Pseudothyasanoes guevinae (Schedl).

Guibourtia arnoldiana

Ernocladus guiboutiae (Schedl), *Miocryphalus guiboutiae* Schedl, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius).

***Guibourtia* spp.**

Doliopygus dentiventris Browne.

Guizotia schultzei

Eucallacea xanthopus (Eichhoff).

Gulbertiodendron dewevrei

Hypothenemus perthspidus (Eggers).

***Guttiferae* spp.**

Xyleborus vismiae Wood.

***Gymnarion* spp.**

Xyleborus affinis Eichhoff.

Gymnosporia luteola

Traglostus exornatus Schedl.

***Gymnosporia* spp.**

Platypus orientalis (Strohmeyer), *Scolytoplattypus fasciatus* Hagedorn, *Scolytoplattypus kivuensis* Schedl.

Gynotroches onillaris

Xylosandrus morigerus (Blandford).

***Haasia* spp.**

Xylosandrus compactus (Eichhoff).

Hegemia abyssinica

Cyclorhipidion agnaticeps (Schedl), *Eucallacea xanthopus* (Eichhoff), *Hypothenemus longipennis* (Eggers),

Platypus impressus (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Xyleborus ruidae* Schedl.

Hagenia spp.

Acanthotomicus curvidens (Schedl), *Ambrosiodmus aegir* (Eggers), *Platypus orientalis* (Strohmeyer).

Hakea sericea

Carchesiopygus dentipennis Schedl, *Hypocryphalus moorei* Schedl.

Hamamelis japonica

Indocryphalus pubipennis (Blandford), *Xyleborinus attenuatus* (Blandford).

Hamamelis spp.

Hypothenemus eruditus Westwood, *Pityophthorus lautus* Eichhoff, *Pseudopityophthorus minutissimus* (Zimmermann), *Xylosandrus brevis* (Eichhoff).

Hamamelis virginiana

Hypothenemus eruditus Westwood, *Lymantria decipiens* (LeConte), *Micracisella opacicollis* (LeConte).

Hannoa klaineana

Ambrosiodmus opacithorax (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatous longicollis* Chapuis, *Platypus hintzi* Schauffuss, *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Xyleborus alluaudi* Schauffuss, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Haplolobus spp.

Diapus nanus Schedl.

Hardwickia pinnata

Coccotrypes cardamomi Schauffuss.

Haronga paniculata

Acanthotomicus harongae (Schedl), *Acanthotomicus kivuensis* (Schedl), *Doliopygus conradti* (Strohmeyer), *Phrixosoma nigra* (Eggers), *Platypus orientalis* (Strohmeyer), *Xyleborinus collarti* (Eggers), *Xylosandrus crassiusculus* (Motschulsky).

Harpullia pedicellaris

Protoplatypus vetulus Wood.

Harpullia spp.

Ambrosiodmus incertus (Schedl), *Xyleborus venustulus* Schedl.

Harungana madagascariensis

Hypothenemus plumeriae (Nordlinger), *Phrixosoma fuscovillosa* (Schedl), *Pseudomicracis harunganae* (Schedl), *Xylosandrus hirsutipennis* (Schedl).

Heathi spp.

Hypothenemus eruditus Westwood.

Hechtia podantha

Chramesus annectens (Wood).

Hedera colchica

Kissophagus novaki Reitter.

Hedera helix

Kissophagus hederæ (Schmidt), *Kissophagus novaki* Reitter, *Kissophagus nuesslini* Reitter, *Scolytogenes indicus* Wood, *Scolytotrupis siomio* Blandford.

Hedera spp.

Kissophagus erinacellus Wichmann.

Helianthus spp.

Hypothenemus eruditus Westwood.

Helichrysum pandurctum

Cyrtogenius mulungensis (Schedl).

Heritiera fomes

Coccotrypes litoralis (Beeson), *Coccotrypes salakensis* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus squamulatus* Chapuis, *Euwallacea bicolor* (Blandford), *Platypus biuncus* Blandford, *Platypus uncinatus* Blandford, *Xyleborinus artetriatus* (Eichhoff), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Heritiera javanica

Crossotarsus wallacei (Thomson), *Eccoptopterus limbatus* Sampson, *Xyleborus tunggali* Schedl.

Heritiera littoralis

Xyleborus similis Ferrari.

Heritiera spp.

Scolytotrupis parvus Sampson.

Heritiera trifolia

Crossotarsus vafer Schedl, *Platypus chevrolati* Chapuis, *Platypus pseudocupulatus* Schedl, *Platypus ustus* Schedl, *Treptotrupis multiporus* Schedl, *Xyleborus cyclopus* Schedl.

Hevea brasiliensis

Ambrosiodmus obliquecaudata Motschulsky, *Chaetastus tuberculatus* (Chapuis), *Coptoborus pseudotenus* (Schedl), *Coptoborus cespatorius* (Schedl), *Coptodryas corporaali* (Eggers), *Crossotarsus minax* (Walker), *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Eccoptopterus spinosus* (Olivier), *Euwallacea andamanensis* (Blandford), *Euwallacea comptus* (Sampson), *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus biserialis* (Eggers), *Hypothenemus eruditus* Westwood, *Hypothenemus javanus* (Eggers), *Periommatous longicollis* Chapuis, *Platypus cupulatus* Chapuis, *Platypus hintzi* Schauffuss, *Platypus insularis* Strohmeyer, *Platypus jansoni* Chapuis, *Platypus lepidus* Chapuis, *Platypus liratus* Blandford, *Platypus parallelus* (Fabricius), *Platypus pseudocupulatus* Schedl, *Platypus quinquecostatus* Chapuis, *Platypus selysi* Chapuis, *Platypus signatus* Chapuis, *Platypus solidus* Walker, *Platypus westwoodi* Chapuis, *Premnobius quadrispinosus* Schedl, *Premnobius robustulus* (Schedl), *Tesserocerus devalquei* Chapuis, *Theoborus ricini* (Eggers), *Trachyostus aterrimus* (Schauffuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus exiguus* (Walker), *Xyleborinus heveae* (Schedl), *Xyleborinus polyalthiae* (Schedl), *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus ficus* Eggers, *Xyleborus horridus* Eichhoff, *Xyleborus imbellis* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus principalis* Eichhoff, *Xyleborus setulosus* Eggers, *Xyleborus similis* Ferrari, *Xyleborus volulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus morigerus* (Blandford).

Hevea spp.

Ambrosiodmus albizzianus (Schedl), *Coptodryas mugax* (Schedl), *Crossotarsus javanus* Beeson, *Hypothenemus camerunus* (Eggers), *Hypothenemus eruditus* Westwood, *Platypus biuncus* Blandford, *Platypus cavus* Strohmeyer, *Platypus tragus* Schedl, *Premnobius catipennis* Eichhoff, *Xyleborus similis* Ferrari, *Xylosandrus discolor* (Blandford).

Hexalobus africanus*Doliopygus brevis* (Strohmeyer).***Hexalobus crispiflorus****Platypus parallelus* (Fabricius).***Hibiscus macrophyllus****Erniocladius corpulentus* (Sampson), *Euwallacea xanthopus* (Eichhoff), *Margadillius minor* Schedl, *Xylosandrus manicus* (Blandford).***Hibiscus rosa-sinensis****Hypothenemus eruditus* Westwood.***Hibiscus spp.****Margadillius parvulus* Eggers, *Platypus lepidus* Chapuis, *Platypus pseudocupulatus* Schedl, *Xylosandrus compactus* (Eichhoff).***Hibiscus syriacus****Ernioporus caucasicus* (Lindemann), *Ernioporus tiliae* (Panzer).***Hibiscus tiliaceus****Cryphalus major* Stebbing, *Cryphalus neglectus* Schedl, *Hypocryphalus corpulentus* Schedl, *Hypothenemus diptercarpi* Hopkins, *Ptilopodius marquesanus* Beeson, *Ptilopodius ramosus* Beeson, *Xyleborus ferrugineus* (Fabricius).***Hildegardia barteri****Chaetastus tuberculatus* (Chapuis).***Hippocratea spp.****Hypothenemus eruditus* Westwood.***Hippomane mancinella****Cnemionyx opacus* Wood, *Cnemionyx splendens* (Wood).***Hirtella glandulosa****Dryocoetoides pseudosolitarinus* (Eggers).***Hirtella spp.****Dryocoetoides rusticus* Wood.***Hirtella triunda****Taurodemus bicornutus* (Wood).***Histiogaster carpio****Xyleborinus saxeseni* (Ratzeburg).***Holigarna arnottiana****Euwallacea andamanensis* (Blandford), *Xyleborus perforans* (Wollaston), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus terminatus* (Eggers).***Holoptelea grandis****Doliopygus medius* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Xyleborus alluaudi* Schaufuss.***Holoptelea integrifolia****Platypus solidus* Walker.***Homalanthus spp.****Leptoxyleborus concisus* (Blandford), *Xyleborus ferrugineus* (Fabricius).***Homalium foetidum****Xyleborus emarginatus* Eichhoff.***Homalium letestui****Chaetastus tuberculatus* (Chapuis).***Homalium planiflorum****Xyleborus antaisaka* Schedl.***Homalium spp.****Coccotrypes rotundicollis* (Eggers), *Doliopygus conradi* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus intermedius* (Schedl).***Hopea beccariana****Webbia cornutus* Schedl, *Webbia duodecimsinatus* Schedl, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus manicus* (Blandford).***Hopea ferrea****Arixyleborus scabripennis* (Blandford), *Coptodryas perparca* (Sampson), *Cryptoxyleborus nanus* Browne, *Euwallacea linatus* (Schedl), *Genyocerus serratus* (Schedl), *Hadrodemius comans* (Sampson), *Leptoxyleborus concisus* (Blandford), *Webbia bituberculatus* Browne, *Webbia cornutus* Schedl, *Webbia duodecimsinatus* Schedl, *Xyleborus minutus* Blandford, *Xyleborus pseudopilifer* Schedl, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus manicus* (Blandford).***Hopea mengarawan****Platypus protenus* (Schedl).***Hopea odorata****Arixyleborus medius* (Eggers), *Eccoptopterus limbus* Sampson, *Genyocerus biporus* (Schedl), *Genyocerus diaphanus* (Schedl), *Hadrodemius comans* (Sampson), *Platypus curtus* Chapuis, *Platypus shoreanus* (Beeson), *Webbia cornutus* Schedl, *Webbia trigintispinatus* Sampson, *Xylosandrus crassiusculus* (Motschulsky).***Hopea parviflora****Ambrosiodinus lewisi* (Blandford), *Sphaerotrypes subtectus* Browne, *Xylosandrus compactus* (Eichhoff).***Hopea spp.****Cnestus suturalis* (Eggers), *Diapys quinquispinatus* Chapuis, *Genyocerus puer* (Schedl), *Platypus bifurcus* (Schedl), *Schedlia sumatrana* (Hagedorn), *Sphaerotrypes philippinensis* Strohmeyer, *Taphrodasus divisis* (Browne), *Webbia diptercarpi* Hopkins, *Webbia quatuordecimsinatus* Sampson, *Webbia suturalis* Browne, *Xyleborinus perminutissimus* (Schedl), *Xyleborus amplexicauda* Hagedorn.***Hopea wightiana****Euwallacea andamanensis* (Blandford), *Sphaerotrypes subtectus* Browne, *Xyleborus perforans* (Wollaston), *Xylosandrus crassiusculus* (Motschulsky).***Horsfieldia glabra****Crossotarsus horni* Schedl, *Diapys quinquispinatus* Chapuis, *Platypus bajulus* Schedl.***Horsfieldia irya****Platypus schysi* Chapuis.***Hoslundia opposita****Euwallacea xanthopus* (Eichhoff).***Hoslundia spp.****Ambrosiodinus obliquus* (LeConte).***Hovea spp.****Ambrosiodinus rubricollis* (Eichhoff).***Hovenia dulcis****Hypothenemus brunneus* (Hopkins).***Howea belmoreana****Coccotrypes dactyliperda* (Fabricius).***Hullettia dumosa****Xylosandrus manicus* (Blandford).***Humiristrum exselsum****Dryocoetoides inculpatus* Wood.***Hura polyandra****Cnemionyx equihuai* Wood.***Hydnocarpus spp.****Xyleborus perforans* (Wollaston).***Hydnocarpus wightiana****Xyleborus perforans* (Wollaston).***Hylodendron gabunense****Chaetastus tuberculatus* (Chapuis), *Hypothenemus biseriatus* (Eggers), *Mesoplatypus venustus* Schedl, *Premnobius quadrispinosus* Schedl, *Xyleborus ferrugineus* (Fabricius).

Hymenaea courbaril

Araptus hymenaeae (Eggers), *Crossotarsus schedli* Brownie, *Hypothenemus obscurus* (Fabricius).

Hymenocardia capensis

Laurigus bicolor Schedl.

Hymenocardia ulmoides

Doliopygus conradti (Strohmeyer), *Doliopygus notatus* Schedl., *Doliopygus serratus* (Strohmeyer), *Doliopygus submarginatus* Schedl., *Periommatius grandis* Schedl., *Xyleborus annectens* Schedl.

Hymenodictyon excelsum

Coptodryas recidens (Sampson), *Eucallacca interjectus* (Blandford), *Platypus secretus* Sampson, *Platypus suffodiens* Sampson, *Xyleborus pumilus* Eggers.

Hymenostegia afzelii

Doliopygus brevis (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus exilis* (Chapuis), *Doliopygus opifex* (Sampson), *Doliopygus perbrevis* Schedl., *Doliopygus propinquus* Schedl., *Dryocoetoides cristatus* (Fabricius), *Periommatius longicollis* Chapuis, *Stephanopodius ghanaensis* (Schedl.), *Trachyostus aterrimus* (Schaufuss), *Xyleborus alluaudi* Schaufuss.

***Hymenostegia* spp.**

Premnobius capitennus Eichhoff.

Hypericum lanceolatum

Cyclorhipidion agnaticeps (Schedl.), *Pseudomicracis bugekae* (Schedl.), *Xyleborus ananicus* Hagedorn, *Xyleborus integer* Schedl., *Xyleborus principalis* Eichhoff.

Hyphaene guineensis

Coccotrypes carpophagus (Hornung).

***Hyphaene* spp.**

Coccotrypes dactyliperda (Fabricius).

***Hyphorbe* spp.**

Coccotrypes dactyliperda (Fabricius).

***Hypodaphnis* spp.**

Periommatius excisus Strohmeyer.

***Hyracryptans* spp.**

Hypothenemus seriatus (Eichhoff).

***Ibuga* spp.**

Xyleborus ananicus Hagedorn.

Ichthyomethia communis

Ambrosiodmus lecontei Hopkins, *Hypothenemus brunneus* (Hopkins), *Hypothenemus columbi* Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus squamosus* (Hopkins).

Icica altissima

Acanthotomicus bidentis Wood, *Acanthotomicus ocularis* (Wood), *Xyleborinus celatus* Wood, *Xyleborus affinis* Eichhoff.

Ilex anomala

Xyleborinus saxeseni (Ratzeburg), *Xyleborus ferrugineus* (Fabricius), *Xyleborus molokaiensis* Perkins, *Xyleborus obliquus* Sharp.

Ilex chinensis

Platypus calamus Blandford, *Platypus quercivorus* Murayama.

Ilex dipyrena

Crossotarsus cinnamomi Beeson, *Scolytoplatus euto-moides* Blandford.

Ilex macropoda

Coptodryas kirishimanus (Murayama).

Ilex mitis

Chaetastus montanus Schedl.

Ilex oldhami

Crossotarsus simplex Murayama, *Xyleborus osuniensis* Murayama.

***Ilex* spp.**

Ambrosiodmus apicalis (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Cryphalus sylvicola* (Perkins), *Diapus nebulosus* Roberts, *Eucallacca validus* (Eichhoff), *Platypus calamus* Blandford, *Xyleborus dispar* (Fabricius), *Xylosandrus compactus* (Eichhoff).

Illicium religiosum

Platypus calamus Blandford, *Polygraphus magnus* Murayama, *Xyleborus octiesdentatus* Murayama, *Xyleborus ohtoensis* Nobuchi.

Indigofera arrecta

Hypothenemus grandis Schedl., *Xylosandrus compactus* (Eichhoff).

Indigofera galeoides

Hypothenemus eruditus Westwood.

***Indigofera* spp.**

Xylosandrus compactus (Eichhoff).

Indigofera suffruticosa

Xylosandrus compactus (Eichhoff).

Inga alba

Xyleborus volvulus (Fabricius).

Inga laurina

Monarthrum praeustum (Eggers), *Xyleborus affinis* Eichhoff.

Inga marginata

Xyleborus ferrugineus (Fabricius).

Inga paterno

Chramesus vitiosus Wood, *Chramesus xylophagus* Wood, *Hylocurus inaequalis* Wood, *Scolytus laetus* Wood, *Scolytus propinquus* Blandford.

***Inga* spp.**

Chramesus vastus Wood, *Cnesinus elegans* Blandford, *Corthylocurus mexicanus* (Schedl.), *Corthylus ingaensis* (Schedl.), *Corthylus insignis* Wood, *Corthylus serratus* Wood, *Corthylus robustus* Schedl., *Dryocoetoides capucinus* (Eichhoff), *Dryocoetoides monachus* (Blandford), *Dryocoetoides pileatus* Wood, *Dryocoetoides verrucosus* Wood, *Gnathotrupes bituberculatus* (Blandford), *Hylocurus elegans* Eichhoff, *Hylocurus simplex* Blandford, *Hylocurus verrucosus* Wood, *Hypothenemus crudiae* (Panzer), *Hypothenemus erectus* LeConte, *Hypothenemus opacus* (Eichhoff), *Hypothenemus solocis* Wood, *Hypothenemus suspectus* Wood, *Hypothenemus teretis* Wood, *Micracis lepidus* Wood, *Micracis swainei* Blackman, *Monarthrum notatum* Wood, *Monarthrum proprium* Wood, *Phloeoborus punctatorugosus* Chapuis, *Phloeotribus ingae* Wood, *Phloeotribus squamiger* Wood, *Platypus chiriquensis* Wood, *Scolytodes ingatorus* Wood, *Taurodemus bicornutus* (Wood), *Taurodemus varulus* (Wood), *Theoborus villosulus* (Blandford), *Xyleborinus celatus* Wood, *Xyleborus ferrugineus* (Fabricius), *Xyleborus squamulatus* Eichhoff, *Xylosandrus compactus* (Eichhoff), *Xylosandrus laticeps* (Wood).

Inga vera

Chramesus rotundatus (Chapuis), *Dryocoetoides pseudosolitaris* (Eggers), *Platypus dentatus* Dalman, *Platypus excisus* Chapuis, *Xyleborus affinis* Eichhoff.

Inocarpus edulis

Crossotarsus externedentatus (Fairmaire), *Xyleborus volvulus* (Fabricius).

***Inocarpus* spp.**

Crossotarsus externedentatus (Fairmaire), *Xylosandrus compactus* (Eichhoff).

Ipomoea cathartica

Hypothenemus californicus Hopkins, *Hypothenemus*

- cruditus* Westwood, *Hypothenemus hirsutus* (Wood), *Hypothenemus seriatus* (Eichhoff).
- Ipomoea littoralis***
Hypothenemus californicus Hopkins.
- Ipomoea pres-caprae***
Cryptocarcinus seriatus Eggers, *Scolytogenes knabi* (Hopkins).
- Ipomoea* spp.**
Scolytogenes lirtus (Wood), *Scolytogenes rusticus* (Wood), *Scolytogenes truncis* (Wood).
- Ipomoea turpethum***
Scolytogenes aspericollis (Eichhoff).
- Iranum xanthophyllum***
Xyleborus xanthophyllus Schedl.
- Iringia gabonensis***
Chaetastus tuberculatus (Chapuis), *Cylindropalpus pumilio* (Schedl), *Platypus hintzi* Schauffuss, *Xyleborus affinis* Eichhoff.
- Iringia grandifolia***
Ambrosiodmus acgir (Eggers), *Doliopygus coelocephalus* (Schauffuss), *Doliopygus lefevrei* Schedl, *Doliopygus serratus* (Strohmeyer), *Platypus hintzi* Schauffuss, *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus volutus* (Fabricius).
- Isoloma bruneelii***
Doliopygus erichsoni (Chapuis), *Doliopygus tenuis* (Strohmeyer), *Euwallacea xanthopus* (Eichhoff), *Periommatatus similis* Strohmeyer, *Xyleborinus polyalthiae* (Schedl), *Xyleborus affinis* Eichhoff.
- Isoloma* spp.**
Prennobius cavipennis Eichhoff.
- Isonandra polyantha***
Euwallacea bicolor (Blandford), *Scolytomimus assamensis* Schedl.
- Isonandra* spp.**
Xyleborinus andrewesi (Blandford).
- Ira imbricata***
Hypothenemus californicus Hopkins, *Hypothenemus gossypii* (Hopkins).
- Ixonanthes reticulata***
Crossotarsus wallacci (Thomson), *Platypus cupulatus* Chapuis.
- Ixora parviflora***
Euwallacea andamanensis (Blandford).
- Jacaranda copaia***
Platypus dentatus Dalman, *Xyleborus semipunctatus* Eggers, *Xyleborus volutus* (Fabricius).
- Jacaranda* spp.**
Prennobius cavipennis Eichhoff, *Xylosandrus laticeps* (Wood).
- Jacksonia* spp.**
Xyleborus perforans (Wollaston).
- Jacobina* spp.**
Xylosandrus compactus (Eichhoff).
- Jambosa malaccensis***
Crossotarsus externedentatus (Fairmaire).
- Jasminium abyssinicum***
Dendrochilus jasminiae Schedl.
- Jasminium* spp.**
Xylosandrus compactus (Eichhoff).
- Jatropa cinerea***
Liparthrum albosetum Bright.
- Jatropa curcas***
Xyleborus perforans (Wollaston).
- Jatropa kebella***
Xyleborus perforans (Wollaston).
- Jatropa spathulata***
Dendroterus texanus Wood.
- Jatropa* spp.**
Hypothenemus macrolobii (Eggers).
- Juglans californica***
Pityophthorus juglandis Blackman.
- Juglans cinerea***
Xyleborus ferrugineus (Fabricius).
- Juglans major***
Pityophthorus juglandis Blackman.
- Juglans mandshurica***
Cryphalus mandschuricus Eggers, *Hylesinus eos* Spesivtsev, *Xyleborus acqualis* (Reitter).
- Juglans mandshurica sieboldiana***
Platypus modestus Blandford.
- Juglans nigra***
Ambrosiodmus rubricollis (Eichhoff), *Hylesinus crenatus* (Fabricius), *Hypothenemus bezaziani* Peyerimhoff, *Hypothenemus crudiac* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Pityophthorus juglandis* Blackman, *Pityophthorus lautus* Eichhoff, *Pseudothysanoes lecontei* Blackman.
- Juglans regia***
Ambrosiodmus rubricollis (Eichhoff), *Coccotrypes nubilus* (Blandford), *Crossotarsus fairmairei* Chapuis, *Dryocoetes himalayensis* Strohmeyer, *Scolytus nitidus* Schedl, *Scolytus crudius* (Fabricius), *Sphaerotrypes juglans* Tsai & Yin, *Trypodendron domesticum* (Linnaeus), *Xyleborinus artetriatus* (Eichhoff), *Xyleborinus subgranulatus* (Eggers), *Xylosandrus discolor* (Blandford).
- Juglans sieboldiana***
Cryphalus juglans Nüsima, *Hylesinus laticollis* Blandford.
- Juglans* spp.**
Ambrosiodmus apicalis (Blandford), *Ambrosiodmus tachygraphus* (Zimmermann), *Hylesinus cingulatus* Blandford, *Hylesinus varius* (Fabricius), *Hypothenemus eruditus* Westwood, *Euwallacea validus* (Eichhoff), *Platypus queenslandi* Schedl, *Scolytoplatus tycon* Blandford, *Sphaerotrypes juglans* Krivolutskaia & Kupianskaya, *Xyleborus ferrugineus* (Fabricius), *Xyleborus sayi* (Hopkins), *Xylosandrus germanus* (Blandford).
- Julbernardia brieji***
Cylindropalpus auricomans (Schauffuss), *Doliopygus divaricus* (Schedl).
- Julbernardia paniculata***
Glostatus multispinosus (Schedl), *Polygraphus zambianus* Beaver.
- Julbernardia seretii***
Chaetastus tuberculatus (Chapuis), *Cylindropalpus auricomans* (Schauffuss), *Cylindropalpus interpositus* (Schedl), *Doliopygus conjunctus* Schedl, *Doliopygus ghesquierei* (Schedl), *Doliopygus lefevrei* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus pygmaeolus* Schedl, *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicomis* Schedl, *Trachyostus aterrimus* (Schauffuss), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).
- Juniperus chinensis***
Phloeosinus hopehi Schedl, *Phloeosinus rudis* Blandford, *Phloeosinus shensi* Tsai & Yin.

Juniperus communis*Phloeosinus turkestanicus* Semenov.***Juniperus deppeana****Carphobius arizonicus* Blackman, *Phloeosinus deleoni* Blackman, *Phloeosinus furnissi* Blackman, *Phloeosinus hoferi* Blackman, *Phloeosinus scopulorum neomexicanus* Blackman, *Phloeosinus serratus* (LeConte), *Phloeosinus spinosus* Blackman.***Juniperus excelsa****Phloeosinus acatayi* Schedl.***Juniperus flaccida****Phloeosinus deleoni* Blackman.***Juniperus monosperma****Phloeosinus furnissi* Blackman, *Phloeosinus scopulorum neomexicanus* Blackman, *Phloeosinus serratus* (LeConte).***Juniperus occidentalis****Phloeosinus hoppingi* Swaine, *Phloeosinus punctatus* LeConte, *Phloeosinus serratus* (LeConte), *Phloeosinus swaini* Bruck.***Juniperus osteosperma****Phloeosinus furnissi* Blackman, *Phloeosinus hoferi* Blackman, *Phloeosinus scopulorum neomexicanus* Blackman, *Phloeosinus serratus* (LeConte).***Juniperus procera****Glostatus acaciae* (Schedl).***Juniperus pseudosabina****Phloeosinus turkestanicus* Semenov.***Juniperus scopulorum****Phloeosinus hoferi* Blackman, *Phloeosinus hoppingi* Swaine, *Phloeosinus keeni* Blackman, *Phloeosinus scopulorum scopulorum* Swaine, *Phloeosinus serratus* (LeConte).***Juniperus* spp.***Phloeosinus bicolor* (Brulle), *Phloeosinus cristatus* (LeConte), *Phloeosinus deleoni* Blackman, *Phloeosinus henschi* Reitter, *Phloeosinus palearis* Wood, *Phloeosinus perlatus* Chapuis, *Phloeosinus serratus* (LeConte), *Phloeosinus thujae* (Perris).***Juniperus virginiana****Phloeosinus dentatus* (Say).***Kairiballi* spp.***Xyleborus parcellus* Wood.***Kalmia latifolia****Xyleborus sayi* (Hopkins).***Kalopanax ricinifolium****Emporicus semenovi* (Kurenzov), *Platypus lewisi* Blandford, *Xyleborus orientalis* Eggers.***Kalopanax septenlobum****Crossotarsus niponicus* Blandford, *Platypus lewisi* Blandford, *Xyleborus seriatus* Blandford.***Kayea floribunda****Xylosandrus crassiusculus* (Motschulsky).***Khaya anthotheca****Cylindropalpus granulosus* (Schedl), *Doliopygus perbrevis* Schedl, *Rhopalopselion immaturus* (Schedl), *Xyleborus consobrinus* Eggers.***Khaya grandifolia****Chaetastus tuberculatus* (Chapuis), *Polygraphus coronatus* Eggers, *Xyleborus affinis* Eichhoff.***Khaya ivorensis****Chaetastus tuberculatus* (Chapuis), *Diapus quinque-spinatus* Chapuis, *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus*(Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus scobinatus* Hagedorn, *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).***Khaya klainea****Platypus hintzi* Schaufuss.***Khaya nyasica****Eucallacea khayae* (Schedl).***Khaya senegalensis****Pityophthorus fallax* (Hagedorn), *Xylosandrus nancus* (Blandford).***Khaya* spp.***Ambrosiodmus eichhoffi* (Schreiner), *Chaetastus tuberculatus* (Chapuis), *Cyclorhipidion crucipenne* (Schedl), *Doliopygus artemisatus* (Schedl), *Doliopygus perbrevis* Schedl, *Doliopygus unicornis* Schedl, *Pityophthorus hintzi* Schedl, *Platypus hintzi* Schaufuss, *Polygraphus bicolor* Eggers, *Polygraphus granulosus* Eggers, *Polygraphus granulifer* Eggers, *Prennobiobius cavipennis* Eichhoff, *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus principalis* Eichhoff, *Xyleborus voluculus* (Fabricius).***Kickxia arborea****Platypus signatus* Chapuis.***Kigelia lanceolata****Platypus solutus* Schedl, *Rhopalopselion congoum* (Schedl).***Klaineana* spp.***Ambrosiodmus eichhoffi* (Schreiner).***Klainedoxa gabonensis****Acanthotomicus sexdentatus* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Coccotrypes rotundicollis* (Eggers), *Doliopygus artemisatus* (Schedl), *Doliopygus bilobatus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus spectabilis* Schedl, *Doliopygus unicornis* Schedl, *Hypothenemus eruditus* Westwood, *Micryphalus klainedoxae* Schedl, *Periommatatus excisus* Strohmeyer, *Periommatatus longicollis* Chapuis, *Pityophthorus africanus* Wood, *Pityophthorus africanus* Eggers, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus caudatus* Schedl, *Xyleborus clerodendronae* Schedl, *Xyleborus nitidulus* Eggers, *Xyleborus voluculus* (Fabricius).***Klainedoxa gabonensis oblongifolia****Xylosandrus cylindrotomicus* (Schedl).***Klainedoxa* spp.***Prennobiobius cavipennis* Eichhoff.***Kleinhovia hospita****Hadrodemius globus* (Blandford).***Knightia excelsa****Xyleborinus saxeseni* (Ratzeburg).***Koompassia excelsa****Arxyleborus granulifer* (Eggers), *Coptodryas diversicolor* (Eggers), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus inermis* Schedl, *Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Eccoptopterus limbus* Sampson, *Platypus curtus* Chapuis, *Platypus forficula* Chapuis, *Xyleborus emarginatus* Eichhoff, *Xyleborus fallax* Eichhoff.

Koompassia malaccensis

Ozopemon rugatus (Blandford). *Platypus forficula* Chapuis. *Platypus insularis* Strohmeier. *Platypus signatus* Chapuis. *Platypus westwoodi* Chapuis. *Xyleborus apertus* Schedl. *Xyleborus fallax* Eichhoff. *Xyleborus perforans* (Wollaston). *Xyleborus picus* (Motschulsky). *Xyleborus volutus* (Fabricius).

Koompassia spp.

Arixyleborus granifer (Eichhoff).

Koordersiodendron pinnatum

Platypus laevis Brownie.

Kopsia flavida

Platypus insulindicus Schedl. *Xyleborinus andrewesi* (Blandford). *Xyleborus adusticollis* (Motschulsky).

Kosteletzkyia adoensis

Hypothenemus grandis Schedl.

Kotschya africana

Thammurgus granulicollis Schedl.

Kududarula spp.

Ambrosiodmus obliquecaudata Motschulsky.

Kydia calycina

Ernocladus corpulentus (Sampson). *Euwallacea interjectus* (Blandford). *Xyleborus fallax* Eichhoff. *Xyleborus perforans* (Wollaston). *Xyleborus similis* Ferrari.

Lactuca spp.

Hypothenemus grandis Schedl.

Lagenaria vulgaris

Cosmoderes monilicollis Eichhoff.

Lagerstroemia flos-reginae

Xylosandrus crassiusculus (Motschulsky).

Lagerstroemia hypoleuca

Crossotarsus terminatus Chapuis. *Xyleborus cognatus* Blandford.

Lagerstroemia lanceolata

Crossotarsus minax (Walker). *Sphaerotrypes globulus* Blandford.

Lagerstroemia parviflora

Crossotarsus externedentatus (Fairmaire). *Platypus cavus* Strohmeier. *Sphaerotrypes globulus* Blandford. *Xyleborus perforans* (Wollaston).

Lagerstroemia speciosa

Xylosandrus crassiusculus (Motschulsky).

Lagunaria leucantha

Hypothenemus eruditus Westwood.

Lagunaria patersonia

Platypus norfolkensis Schedl.

Landeria pulcherrime

Coccotrypes nubilus (Blandford).

Landolphia owariensis

Platypus intermedius (Schedl). *Platypus solutus* Schedl.

Landolphia robusta

Ctonoxylon flavescens Hagedorn.

Landolphia spp.

Scolytogenes sodalis (Schedl).

Lannea grandis

Coccotrypes nubilus (Blandford). *Crossotarsus externedentatus* (Fairmaire). *Platypus cupulatus* Chapuis. *Platypus latifinis* Walker. *Platypus lepidus* Chapuis. *Platypus secretus* Sampson. *Platypus solidus* Walker. *Xyleborinus andrewesi* (Blandford). *Xyleborinus artetriatus* (Eichhoff). *Xyleborus shoreae* (Stebbing). *Xylosandrus crassiusculus* (Motschulsky).

Lannea welwitschii

Doliopygus serratus (Strohmeier). *Perionmatus grandis* Schedl. *Platypus hintzi* Schaufuss. *Platypus parallelus*

(Fabricius). *Xyleborus affinis* Eichhoff. *Xyleborus ferrugineus* (Fabricius). *Xyleborus piceus* (Motschulsky).

Lannea zenkeri

Platypus hintzi Schaufuss.

Lansium domesticum

Coptodryas nudipennis (Schedl). *Cyrtogenius brevior* (Eggers). *Xyleborinus andrewesi* (Blandford). *Xyleborus adusticollis* (Motschulsky). *Xylosandrus nudipennis* (Schedl).

Lansium spp.

Coptodryas elegans (Sampson).

Lantana salvifolia

Euwallacea xanthopus (Eichhoff). *Xyleborus principalis* Eichhoff.

Lantana spp.

Ambrosiodmus lantanae (Eggers). *Euwallacea fornicatus* (Eichhoff). *Xylosandrus compactus* (Eichhoff). *Xylosandrus terminatus* (Eggers).

Laportea spp.

Platypus jansoni Chapuis. *Platypus solidus* Walker.

Larix americana

Hyurgops rugipennis pinifex Fitch.

Larix dahurica

Carphoborus cholodkovskyi Spessivtsev. *Cryphalus latus* Eggers. *Hyurgops spessivtsevi* Eggers. *Polygraphus proximus* Blandford.

Larix dahurica koreana

Dryocoetes infuscatus Murayama. *Polygraphus horjurenensis* Murayama.

Larix europaea

Crypturus hispidulus Thomson. *Hylastes cunicularius* Erichson. *Orthotomicus laricis* (Fabricius). *Pityogenes irkutensis* Eggers. *Pityokteines curvidens* (Germar). *Pityokteines spinidens* (Reitter). *Pityophthorus buyssoni* Reitter. *Pityophthorus glabratus* Eichhoff.

Larix gmelini

Cryphalus latus Eggers. *Cryphalus premayaensis* Murayama. *Polygraphus sachalinensis* Eggers.

Larix griffithiana

Trypodendron dorjitenzingi Schmutzenhofer.

Larix laricina

Carphoborus duuni Swaine. *Dendroctonus simplex* LeConte. *Dendroctonus valens* LeConte. *Pityophthorus consimilis* LeConte. *Pityophthorus opaculus* LeConte. *Polygraphus rufipennis* (Kirby). *Scolytus piceae* (Swaine).

Larix leptolepis

Cryphalus laricis Nüsisima. *Dryocoetes karamatsu* Sawamoto. *Polygraphus kisoensis* Nüsisima. *Xyleborus seriatus* Blandford.

Larix lyallii

Pityophthorus alpinensis G. Hopping. *Scolytus laricis* Blackman.

Larix occidentalis

Dendroctonus pseudotsugae Hopkins. *Scolytus laricis* Blackman. *Xylechinus montanus* Blackman.

Larix olgensis coreana

Trypodendron gaimaensis (Murayama).

Larix potaninii

Polygraphus chungdianensis Tsai & Yin.

Larix sibirica

Carphoborus teplouchovi Spessivtsev. *Pityophthorus lichtensteini* (Ratzeburg). *Pityophthorus micrographus* (Linnaeus). *Polygraphus poligraphus* (Linnaeus). *Polygraphus seriatus* Reitter. *Scolytus morawitzi* Semenov.

Larix spp.

Cryphalus asperatus (Gyllenhal), *Cryphalus latus* Eggers, *Dendroctonus micans* (Kugelann), *Dryocoetes affaber* (Mannerheim), *Dryocoetes autographus* (Ratzeburg), *Dryocoetes baicalicus* Reitter, *Dryocoetes pini* Niisima, *Dryocoetes rugicollis* Eggers, *Gnathotrichus materiarius* (Fitch), *Hylastes nigrinus* (Mannerheim), *Hylurgops glabratus* (Zetterstedt), *Hylurgops palliatus* (Gyllenhal), *Ips acuminatus* (Gyllenhal), *Ips cembrae* (Heer), *Ips typographus* (Linnaeus), *Orthotomicus caelatus* (Eichhoff), *Orthotomicus suturalis* (Gyllenhal), *Pityogenes chalcographus* (Linnaeus), *Scolytus morawitzi* Semenov, *Xyleborinus saxeseni* (Ratzeburg), *Xylechinus pilosus* (Ratzeburg).

Larrea tridentata

Chaetophloeus fasciatus (Blackman).

Lasiodiscus spp.

Ambrosiodmus albizzianus (Schedl).

Lauraceae spp.

Xyleborus piceus (Motschulsky).

Laurineae spp.

Platypus puerulus (Schedl).

Laurus alba

Thamnurgus kaltenbachii (Bach).

Laurus camphora

Ambrosiodmus camphorae (Hagedorn).

Laurus canariensis

Liparthrum nigrescens Wollaston.

Laurus nobilis

Hypothenemus hystrix (Eggers), *Liparthrum colchicum* Semenov, *Liparthrum laurivorus* Schedl.

Lebrunia sushaie

Chaetastus montanus Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus scobinatus* Hagedorn.

Lecaniodiscus cupanioides

Doliopygus erichsoni (Chapuis), *Doliopygus medius* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Trachyostus schoutedeni* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

Lecaniodiscus spp.

Ambrosiodmus eichhoffi (Schreiner), *Premnobius cavipennis* Eichhoff.

Lecythis costaricensis

Phloeoborus punctatorugosus Chapuis.

Lecythis spp.

Phelloterus anaxeus Wood, *Platypus eversus* Wood, *Platypus nudatus* Wood, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

Leea crispa

Xylosandrus crassiusculus (Motschulsky).

Leea sambucina

Xylosandrus crassiusculus (Motschulsky).

Leea spp.

Xyleborinus andrewesi (Blandford).

Leonotis africana

Euwallacea xanthopus (Eichhoff).

Leptoderris laurentii

Doliopygus conradti (Strohmeyer), *Xyleborus alluaudi* Schaufuss.

Leptolaena multiflora

Ambrosiodmus artgranulatus (Schedl), *Mitosoma lobatum* Schedl, *Mitosoma obtusum* Schedl, *Polygraphus amoenus* (Schaufuss), *Xyleborinus forficuloides* (Schedl).

Leptonychia bantangensis

Xyleborus barumbuensis Eggers.

Leptospermum ericoides

Anasa truncatus (Erichson).

Leucaenia glauca

Crossotarsus externedentatus (Fairmaire), *Hypothenemus brunneus* (Hopkins), *Hypothenemus eruditus* Westwood, *Hypothenemus javanus* (Eggers), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Leucaenia leucocephala

Eccoptopterus spinosus (Olivier).

Leucaenia pulverulenta

Chramesus minusae Blackman, *Hyllocurus atkinsoni* Wood.

Leucaenia spp.

Ambrosiodmus wilderi (Beeson), *Euwallacea fornicatus* (Eichhoff), *Xyleborus swazeyi* Beeson, *Xylosandrus compactus* (Eichhoff).

Leucas spp.

Miniocurus congomus (Schedl).

Leucosceptrum canum

Euwallacea velatus (Sampson), *Euwallacea wallacei* (Blandford).

Lezjavai spp.

Hypothenemus eruditus Westwood.

Libocedrus decurrens

Phloeosinus antennatus Swaine, *Phloeosinus fulgens* Swaine, *Phloeosinus hoppingi* Swaine, *Phloeosinus punctatus* LeConte, *Phloeosinus sequoiae* Hopkins, *Phloeosinus vandykei* Swaine.

Licania spp.

Phelloterus anaxenus Wood, *Platypus exitialis* Wood, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

Ligustrum spp.

Ambrosiodmus rubricollis (Eichhoff), *Lanurgus barbatus* Eggers.

Limaciopsis loangensis

Doliopygus artespianus (Schedl).

Lindackeria dentata

Doliopygus bilobatus (Schedl), *Doliopygus conradti* (Strohmeyer).

Lindera benzoin

Xyleborus sayi (Hopkins).

Lindera erythrocarpa

Crossotarsus niponicus Blandford, *Platypus quercivorus* Murayama, *Xylosandrus germanus* (Blandford), *Xylosandrus mutilatus* (Blandford).

Lindera latifolia

Coptodryas recidens (Sampson), *Euwallacea bicolor* (Blandford), *Xyleborus glabratus* Eichhoff.

Lindera pulcherrima

Diapus quadrispinatus Chapuis, *Diapus quinquespinatus* Chapuis, *Diapus spatulifer* Browne, *Scolytogenes ceylonicus* (Schedl).

Lindera spp.

Ambrosiodmus obliquus (LeConte), *Scolytotplatypus tycon* Blandford, *Xylosandrus brevis* (Eichhoff), *Xylosandrus mutilatus* (Blandford).

Lindera thunbergii

Crossotarsus simplex Murayama.

Lippia spp.

Ambrosiodmus aegir (Eggers).

Lippia substrigosa*Corthylus mexicanus* Schedl.***Liquidambar orientalis****Platypus simulans* Schedl.***Liquidambar* spp.***Xylosandrus compactus* (Eichhoff).***Liquidambar styraciflua***

Cnesinus strigicollis LeConte, *Dryocortus betulae* Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus seriatus* (Eichhoff), *Monarthrum fasciatum* (Say), *Monarthrum mali* (Fitch), *Pityophthorus liquidambaris* Blackman, *Pityophthorus molestus* Wood, *Xyleborus ferrugineus* (Fabricius).

***Liriodendron* spp.**

Ambrosiodmus tachygraphus (Zimmermann), *Xyleborus dispar* (Fabricius), *Xyleborus obesus* LeConte.

Liriodendron tulipifera

Corthylus columbianus Hopkins, *Trischidius atomus* (Hopkins), *Xyloborus sayi* (Hopkins), *Xylosandrus germanus* (Blandford).

Liriosma singularis

Prennobius cavipennis Eichhoff, *Taurodenus perebeae* (Ferrari), *Xyleborinus reconditus* (Schedl), *Xyleborus rugosipennis* Schedl.

Lithocarpus amygdalifolia*Xyleborus atratus* Eichhoff.***Lithocarpus densiflorus****Monarthrum scutellare* (LeConte).***Lithocarpus edulis****Platypus quercivorus* Murayama.***Lithocarpus konishii****Diapus formosanus* Niisima & Murayama.***Lithocarpus* spp.**

Diapus latespinis Schedl, *Diapus nanus* Schedl, *Diapus perpygmaeus* Roberts, *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Diapus robustus* Schedl, *Platypus novaeguineensis* Roberts, *Xyleborus armiger* Schedl, *Xyleborus arnippennis* Schedl.

Lithocarpus stipitata*Xyleborus atratus* Eichhoff.***Lithocarpus ternaticupula****Xyleborus atratus* Eichhoff.***Lithocarpus wallichianus***

Amasa schlichii (Stebbing), *Crossotarsus longicollis* Browne, *Crossotarsus squamulatus* Chapuis, *Cyclorhipidion punctatopilosum* (Schedl), *Platypus pseudocupulatus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

Litsea amara

Phloeocranus bruchoides Schedl, *Xylosandrus pygmaeus* (Eggers).

Litsea cassiaefolia*Xylosandrus compactus* (Eichhoff).***Litsea dolichocarpa****Xyleborus atratus* Eichhoff.***Litsea domarensis***

Hyledius nitidicollis (Motschulsky), *Platypus jansoni* Chapuis, *Sueus niisimae* (Eggers).

Litsea elongata

Diapus spatulifer Browne, *Scolytotplatypus pubescens* Hagedorn, *Scolytotplatypus raja* Blandford, *Xyleborus glabratus* Eichhoff.

Litsea megacarpa

Crossotarsus wallacei (Thomson), *Hadrodemus globus* (Blandford), *Platypus pseudocupulatus* Schedl, *Xylosandrus mancus* (Blandford).

Litsea polyantha

Coccotrypes nyristicae (Roeck), *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston).

***Litsea* spp.**

Crossotarsus porcatus Roberts, *Diapus amblylaminatus* Roberts, *Diapus bilunatus* Schedl, *Diapus nebulosus* Roberts, *Diapus unispinus* Roberts, *Phloeocranus bruchoides* Schedl, *Scolytotplatypus darjeelingi* Stebbing, *Xyleborus perforans* (Wollaston).

Litsea umbrosa*Xyleborus eggersi* Beeson.***Litsea zeylanica***

Ambrosiodmus asperatus (Blandford), *Platypus furcatus* Blandford.

Livistona cochinchinensis

Coccotrypes barbatus (Schedl), *Coccotrypes nitidus* (Eggers).

Livistona jenkinsiana*Platypus shillongensis* Schedl.***Livistona* spp.**

Coccotrypes carpophagus (Hornung), *Coccotrypes dactyliperda* (Fabricius), *Xyleborus perforans* (Wollaston).

Lobelia bequaertii*Thamnurgus lobeliae* Eggers.***Lobelia gibberoa***

Cyrtogenius movoliae (Schedl), *Thamnurgus africanus* Eggers, *Thamnurgus zukwaleae* Scott.

***Lobelia* spp.**

Thamnurgus africanus Eggers, *Thamnurgus punctatissimus* Eggers, *Xyleborus piceus* (Motschulsky).

Lobelia telekii*Thamnurgus lobeliae* Eggers.***Lobelia wollastonii****Thamnurgus lobeliae* Eggers.***Lodoicea callipyge****Xyleborus perforans* (Wollaston).***Lodoicea sechellarum***

Xyleborus ferrugineus (Fabricius), *Xyleborus perforans* (Wollaston).

Lomatia hirsuta*Xylechinus spathifer* Schedl.***Lonchocarpus capassa****Liparthrum australis* Schedl.***Lonchocarpus castilloi****Chramesus crenatus* Wood, *Cnesinus strigicollis* LeConte.***Lonchocarpus constrictus****Chramesus vitiosus* Wood.***Lonchocarpus guatemalensis****Chramesus vitiosus* Wood.***Lonchocarpus margaritensis***

Scolytus dimidiatus Chapuis, *Xyleborus ferrugineus* (Fabricius).

Lonchocarpus sericeus

Doliopygus brevis (Strohmeyer), *Doliopygus perbrevis* Schedl, *Platypus hintzi* Schaufuss, *Tiarophorus intermedius* Schedl.

***Lonchocarpus* spp.**

Chramesus periosus Wood, *Chramesus securus* Wood, *Hylesinopsis rhodesianus* (Eggers), *Pseudothysanoes squameus* Wood, *Rhopalopselion lonchocarpae* (Schedl), *Scolytus dimidiatus* Chapuis, *Scolytus propinquus* Blandford, *Strombophorus interstitialis* Browne.

Lonicera caprifolium*Xylosandrus morigerus* (Blandford).

Lonicera spp.

Hypothenemus eruditus Westwood, *Xylosandrus discolor* (Blandford).

Lophira alata

Cylindropalpus auricomans (Schaufuss), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Premnobius corthyloides* Hagedorn, *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

Lophira procera

Platypus parallelus (Fabricius), *Xyleborus affinis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

Lophira spp.

Premnobius capipennis Eichhoff.

Lophopetalum spp.

Ambrosiodinus sarawakensis (Eggers), *Baiocis pernanulus* (Schedl), *Platypus lingulatus* Roberts & Morimoto, *Platypus lophopetali* Browne, *Platypus pseudocupulatus* Schedl, *Platypus puerulus* (Schedl).

Loranthus spp.

Cyrtogenius polyphagus (Schedl), *Thannururgus granulicollis* Schedl, *Xylocleptes sidanus* (Schedl), *Xylosandrus abruptulus* (Schedl).

Lorua brownii

Chaetastus tuberculatus (Chapuis), *Doliopygus artemis* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus excavatus* (Sampson), *Xyleborus alluaudi* Schaufuss.

Lorua klaineana

Xyleborus affinis Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

Lorua spp.

Doliopygus excavatus (Sampson), *Periommatius excisus* Strohmeier, *Periommatius longicollis* Chapuis.

Lorua trichilioides

Chaetastus tuberculatus (Chapuis), *Doliopygus artemis* (Schedl), *Doliopygus bitalei* Schedl, *Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeier), *Doliopygus dubius* (Sampson), *Hypothenemus eruditus* Westwood, *Periommatius grandis* Schedl, *Platypus parallelus* (Fabricius), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus amanicus* Hagedorn, *Xyleborus principalis* Eichhoff, *Xyleborus sphenos* Sampson, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Lucuma malaccensis

Platypus loricatus (Sampson), *Platypus signatus* Chapuis, *Platypus westwoodi* Chapuis.

Luffa acutangula

Dendrocranulus cucurbitae (LeConte), *Dendrocranulus sobrinus* Wood.

Luffa aegyptiaca

Cosmoderes monilicollis Eichhoff.

Luffa spp.

Xylosandrus crassiusculus (Motschulsky).

Lupinus spp.

Chramesus editus (Bright).

Lysiloma bahamensis

Hypothenemus brunneus (Hopkins), *Hypothenemus hirsutus* (Wood), *Hypothenemus squamosus* (Hopkins).

Maba abyssinica

Xyleborus elongatus Eggers, *Xyleborus ugandaensis* Schedl.

Maba laurentii

Doliopygus citri Schedl, *Doliopygus conradti* (Strohmeier), *Doliopygus subdolosus* Schedl, *Doliopygus tenuis* (Strohmeier), *Mesoplatypus ustus* Schedl, *Platy-*

pus hintzi Schaufuss, *Xyleborus multispinatus* Eggers, *Xyleborus scobinatus* Hagedorn.

Maba sandwicensis

Crossotarsus externedentatus (Fairmaire).

Maba spp.

Glostatus acaciae (Schedl), *Scolytoplatypus fasciatus* Hagedorn, *Trachyostus aterrimus* (Schaufuss).

Macadamia indica

Coccotrypes cyperi (Beeson).

Macadamia spp.

Euwallacea fornicatus (Eichhoff), *Xylosandrus compactus* (Eichhoff).

Macaranga aleuritoides

Hypothenemus quadridens Browne.

Macaranga andamanica

Diamerus curtifer (Walker).

Macaranga barteri

Periommatius grandis Schedl, *Periommatius longicollis* Chapuis, *Platypus orientalis* (Strohmeier).

Macaranga denticulata

Coccotrypes cyperi (Beeson), *Coccotrypes longior* (Eggers), *Coccotrypes nubilus* (Blandford), *Diamerus nigrisetosus* Eggers, *Euwallacea interjectus* (Blandford), *Euwallacea velatus* (Sampson), *Euwallacea wallacei* (Blandford), *Platypus lopchuensis* Schedl, *Scolytoplatypus raja* Blandford.

Macaranga gigantea

Coccotrypes cinnamomi (Eggers), *Coccotrypes medius* (Eggers).

Macaranga kilimandjarica

Crossotarsus externedentatus (Fairmaire).

Macaranga lancifolia

Chaetastus tuberculatus (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus donisi* Schedl, *Doliopygus erichsoni* (Chapuis), *Doliopygus lateralis* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus minor* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Hypothenemus eruditus* Westwood, *Periommatius excisus* Strohmeier, *Periommatius subrobustus* Schedl, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeier), *Platypus picinus* Schedl, *Platypus schenklingsi* (Strohmeier), *Platypus spinulosus* (Strohmeier), *Trachyostus schaufussi* (Strohmeier), *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius).

Macaranga monandra

Xylosandrus crassiusculus (Motschulsky).

Macaranga neomildbraediana

Euwallacea xanthopus (Eichhoff).

Macaranga schweinfurthii

Chaetastus tuberculatus (Chapuis).

Macaranga spinosa

Platypus minutissimus Schedl, *Xyleborinus sharpae* (Hopkins).

Macaranga spp.

Amasa versicolor (Sampson), *Chaetastus montanus* Schedl, *Crossotarsus terminatus* Chapuis, *Cyclorhipidion bicinctum* (Schedl), *Diapus bilunatus* Schedl, *Diapus papuanus* Schedl, *Diapus nebulosus* Roberts, *Diapus turgidus* Roberts, *Doliopygus bidentatus* (Strohmeier), *Doliopygus bilobatus* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus retusus* Schedl, *Platypus capitilunatus* Roberts & Morimoto, *Platypus collinus* Browne, *Platypus jansonii* Chapuis, *Platypus opacideclivis* Schedl, *Platypus picinus* Schedl, *Platypus solidus* Walker, *Prem-*

nobilis cavipennis Eichhoff, *Prennobiobius scaxpinosus* Eggers, *Scolytoplatypus mikado* Blandford, *Scolytoplatypus occidentalis* Browne, *Scolytoplatypus truncatus* Browne, *Triozastus marshalli* (Sampson), *Xyleborinus gracilipennis* (Schedl), *Xyleborinus quadrispinosus* (Eichhoff), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborinus similans* (Eggers), *Xyleborus truncatulus* Schedl, *Xylosandrus difficilis* (Eggers), *Xylosandrus morigerus* (Blandford).

Machilus edulis

Diapus spatulifer Browne.

Machilus japonica

Platypus calamus Blandford, *Scolytus aratus* Blandford, *Xyleborus machili* Nisima.

Machilus longipaniculata

Crossotarsus rengetensis Nisima & Murayama, *Xyleborus atratus* Eichhoff.

Machilus macrantha

Coccotrypes cinnamomi (Eggers), *Coccotrypes variabilis* (Beeson), *Platypus circumdentatus* Strohmeyer.

Machilus odoratissima

Crossotarsus externedentatus (Fairmaire), *Crossotarsus machili* Beeson, *Diapus quadrispinatus* Chapuis, *Diapus quinquispinatus* Chapuis, *Eucallacea velatus* (Sampson), *Indocryphalus machili* Wood, *Phloeosinus machili* (Schedl), *Phloeosinus squamulatus* Chapuis, *Platypus curtatus* Sampson, *Platypus falcatus* Strohmeyer, *Scolytoplatypus minimus* Hagedorn, *Scolytoplatypus raja* Blandford, *Xyleborus improbus* Sampson, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).

Machilus spp.

Amasa amputatus (Blandford), *Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Diapus spatulifer* Browne, *Eucallacea interjectus* (Blandford), *Eucallacea validus* (Eichhoff), *Hadrodemius amorphus* (Eggers), *Hadrodemius artemcomans* (Schedl), *Scolytoplatypus mikado* Blandford, *Scolytoplatypus tycon* Blandford, *Xyleborus aquilus* Blandford, *Xyleborus kunamotoensis* Murayama, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus germanus* (Blandford).

Machilus thumbergii

Cnestus murayamai Schedl, *Crossotarsus niponicus* Blandford, *Dryocoetips coffeae* (Eggers), *Indocryphalus pubipennis* (Blandford), *Phloeosinus pulchellus* Blandford, *Platypus calamus* Blandford, *Platypus contaminatus* (Blandford), *Sueus nisimai* (Eggers), *Taphroxychus taradakensis* (Murayama), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus atratus* Eichhoff, *Xyleborus volvulus* (Fabricius), *Xylosandrus brevis* (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus mutilatus* (Blandford).

Maclura pomifera

Hypothenemus seriatus (Eichhoff), *Liparthrum squamosum* (Blackman).

Macphersonia madagascariensis

Mitosoma excisum Schaufuss, *Xyleborinus spiculatus* (Schaufuss), *Xyleborus alluaudi* Schaufuss.

Macrolobium heudelotii

Ambrosiodmus tropicus (Hagedorn), *Cyclorhipidion cachani* (Schedl), *Cylindropalpus auricomans* (Schaufuss), *Doliopygus serratus* (Strohmeyer), *Xyleborinus similans* (Eggers), *Xyleborus ambasiusculus* Eggers, *Xyleborus subtuberculatus* Eggers.

Macrolobium macrophyllum

Cylindropalpus auricomans (Schaufuss), *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers,

Xyleborus rothkirchi Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Macrolobium spp.

Ambrosiodmus tropicus (Hagedorn), *Coptoborus usagarius* (Eggers), *Hypothenemus macrolobii* (Eggers), *Prennobiobius cavipennis* Eichhoff, *Prennobiobius quadrispinosus* Schedl, *Prennobiobius sexspinosus* Eggers, *Xyleborinus sharpae* (Hopkins), *Xyleborus ambasiusculus* Eggers, *Xyleborus conradti* Hagedorn, *Xyleborus multispinatus* Eggers, *Xyleborus subtuberculatus* Eggers, *Xylosandrus corthyloides* (Schedl), *Xylosandrus crassiusculus* (Motschulsky).

Madhuca spp.

Amasa striatotruncatus (Schedl), *Crossotarsus externedentatus* (Fairmaire).

Madrilus edulis

Xyleborus lineatus Eggers.

Maesa lanceolata

Eucallacea xanthopus (Eichhoff).

Maesa rufescens

Chaetastus montanus Schedl, *Doliopygus artespianus* (Schedl), *Doliopygus bidentatus* (Strohmeyer), *Eucallacea xanthopus* (Eichhoff), *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Theoborus ricini* (Eggers), *Xyleborus alluaudi* Schaufuss, *Xyleborus principalis* Eichhoff.

Maesa spp.

Chaetastus montanus Schedl, *Eucallacea malloti* (Eggers), *Scolytoplatypus kivuensis* Schedl, *Xyleborus ruandae* Schedl.

Maesa tenera

Xylosandrus brevis (Eichhoff).

Maesobotrya spp.

Scolytoplatypus kivuensis Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus alluaudi* Schaufuss.

Maesopsis eminii

Ambrosiodmus albizzianus (Schedl), *Coptoborus usagarius* (Eggers), *Cyclorhipidion crucipenne* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus retusus* Schedl, *Doliopygus serratus* (Strohmeyer), *Periommatius excisus* Strohmeyer, *Periommatius subrobustus* Schedl, *Platypus hintzi* Schaufuss, *Scolytoplatypus africanus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

Maesopsis spp.

Prennobiobius cavipennis Eichhoff.

Magnolia cathartii

Platypus errans (Sampson).

Magnolia foetida

Hypothenemus eruditus Westwood.

Magnolia glauca

Cnesinus strigicollis LeConte, *Hypothenemus eruditus* Westwood.

Magnolia grandiflora

Platypus compositus Say.

Magnolia obovata

Crossotarsus niponicus Blandford, *Eucallacea validus* (Eichhoff), *Xyleborinus attenuatus* (Blandford).

Magnolia spp.

Hypothenemus crudiae (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus interstitialis* (Hopkins), *Scolytoplatypus shogun* Blandford.

Magnolia virginiana

Hypothenemus eruditus Westwood.

Malacantha spp.

Chaetastus montanus Schedl, *Doliopygus bidentatus* (Strohmeyer).

Malaisia scandens

Cryphalus waplery Eichhoff.

Mallotus albus

Carchesiopygus impariporus (Beeson), *Hadrodemius pseudocomans* (Eggers), *Platypus solidus* Walker, *Webbia trigintispinatus* Sampson.

Mallotus japonicus

Eucallacea validus (Eichhoff), *Platypus calamus* Blandford, *Xyleborus aquilus* Blandford, *Xyleborus seriatus* Blandford, *Xyleborus volutus* (Fabricius).

Mallotus philippinensis

Coccotrypes nubilis (Blandford), *Eucallacea bicolor* (Blandford), *Eucallacea malloti* (Eggers), *Xyleborinus artestriatus* (Eichhoff), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Mallotus ricinoides

Cryphalus malloti Schedl, *Scolytplatypus pusillus* Eggers.

Mallotus roxburghianus

Crossotarsus machili Beeson.

Mallotus spp.

Xyleborinus andrewesi (Blandford).

Malus formosana

Xyleborus atratus Eichhoff.

Malus pumila

Ambrosiodmus apicalis (Blandford), *Scolytus aratus* Blandford, *Xylosandrus crassiusculus* (Motschulsky).

Malus sieboldii

Xyleborus montanus Niiisma.

Malus spp.

Corthylus mexicanus Schedl, *Hypothenemus eruditus* Westwood, *Scolytus laevis* Chapuis, *Scolytus mali* (Beckstein), *Scolytus pomi* Yin & Huang, *Scolytus rugulosus* (Müller), *Scolytus semenovi* (Spessivtsev), *Scolytus tadzhikistanicus* Stark, *Tiarophorus scrutator* (Pandelle), *Xyleborinus saxenii* (Ratzeburg).

Malus sylvestris

Xylosandrus pseudosolidus (Schedl).

Malvastrum spp.

Hypothenemus californicus Hopkins, *Xylosandrus compactus* (Eichhoff).

Mammea africana

Doliopygus coelocephalus (Schaufuss), *Doliopygus conradi* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus expletus* Schedl, *Doliopygus ghesquieri* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus propinquus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Periommatatus excisus* Strohmeyer, *Periommatatus longicollis* Chapuis, *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus volutus* (Fabricius).

Mammea americana

Coccotrypes cyperi (Beeson).

Mammea spp.

Ambrosiodmus eichhoffi (Schreiner).

Mangifera caesia

Xyleborinus andrewesi (Blandford).

Mangifera foetida

Xyleborus emarginatus Eichhoff.

Mangifera indica

Ambrosiodmus diversipennis (Schedl), *Ambrosiodmus*

fraterculus (Schaufuss), *Ambrosiodmus hagedorni* (Iglesias), *Coccotrypes confusus* (Eggers), *Coccotrypes cyperi* (Beeson), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus minax* (Walker), *Cryptocarenum seriatus* Eggers, *Cyclorhpidion mangoense* (Schedl), *Diamerus mangiferae* Browne, *Diamerus nigriretosus* Eggers, *Diapus quinquispinatus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Eucallacea interjectus* (Blandford), *Eucallacea xanthopus* (Eichhoff), *Ficicis despectus* (Walker), *Hypocryphalus mangiferae* (Stebbing), *Hypothenemus birnanus* (Eichhoff), *Hypothenemus californicus* Hopkins, *Hypothenemus crudus* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Hypothenemus javanus* (Eggers), *Hypothenemus mangovorus* Schedl, *Hypothenemus morio* (Eggers), *Hypothenemus seriatus* (Eichhoff), *Hypothenemus setosus* (Eichhoff), *Platypus jansoni* Chapuis, *Platypus latifinis* Walker, *Platypus solidus* Walker, *Premnobius ambitosus* (Schaufuss), *Xyleborinus andrewesi* (Blandford), *Xyleborinus artestriatus* (Eichhoff), *Xyleborinus forficuloides* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus biconicus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus haberkorni* Eggers, *Xyleborus metacuneolus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xyleborus spinulosus* Blandford, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus miancus* (Blandford), *Xylosandrus pseudosolidus* (Schedl).

Mangifera minor

Platypus jansoni Chapuis.

Mangifera odorata

Hypocryphalus mangiferae (Stebbing), *Xyleborus metacuneolus* Eggers, *Xylosandrus compactus* (Eichhoff).

Mangifera spp.

Crossotarsus brounei Schedl, *Diapus nanus* Schedl, *Diapus pusillimus* Chapuis, *Eucallacea fornicatus* (Eichhoff), *Platypus ovatus* Strohmeyer, *Platypus pseudocupulatus* Schedl, *Premnobius cavipennis* Eichhoff.

Manihot glaziovii

Xyleborus affinis Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).

Manihot utilissima

Hypothenemus bahianiae Schedl, *Platypus parallelus* (Fabricius), *Xyleborus ferrugineus* (Fabricius).

Manikara hexandra

Scolytomimus rectus Wood.

Manikara kauki

Coccotrypes carpophagus (Hornung).

Maniltoa spp.

Crossotarsus mniszehi Chapuis, *Platypus misoolensis* Browne, *Platypus vitiensis* Roberts.

Mansonina altissima

Doliopygus nairobiensis (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).

Manuglieta insignis

Dactylipalpus transversus Chapuis.

Marcgravia spp.

Premnobius cavipennis Eichhoff, *Xyleborinus gracilis* (Eichhoff), *Xyleborus parcellus* Wood, *Xyleborus rugosipennis* Schedl.

Marumia muscosa

Crossotarsus terminatus Chapuis, *Platypus fraterculus* Schedl, *Xylosandrus morigerus* (Blandford).

Mauloutchia spp.

Mitosoma octospinosum Schedl, *Mitosoma suspicax* Schedl, *Sauroptilius sauropterus* (Schedl).

Mauria glauca

Pityophthorus debilis Wood.

Maytenus acuminatus

Lanurgus gracilis Schedl, *Lanurgus spatulatus* Schedl.

Maytenus spp.

Scolytplatypus fasciatus Hagedorn.

Medicago sativa

Hylastinus obscurus (Marsham).

Melaleuca leucadendron

Xyleborus perforans (Wollaston).

Melaleuca spp.

Xylosandrus compactus (Eichhoff).

Melanorrhoea curtisii

Crossotarsus brownei Schedl, *Xyleborus haberkornii* Eggers.

Melanorrhoea spp.

Arixyleborus scabripennis (Blandford), *Crossotarsus squamulatus* Chapuis, *Hadrodemius comans* (Sampson), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus nancus* (Blandford).

Melanorrhoea usitata

Polygraphus thitsi Wood, *Polygraphus vexator* (Browne).

Melanthera brownii

Cyrtogenius polyphagus (Schedl), *Xylocleptes sidanus* (Schedl).

Melastoma malabathricum

Eucallacca fornicatus (Eichhoff).

Melastoma spp.

Xyleborinus saxeseni (Ratzeburg), *Xylosandrus compactus* (Eichhoff).

Melia azedarach

Crossotarsus rengetensis Niisima & Murayama, *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Melia spp.

Cnestus suturalis (Eggers), *Xylosandrus compactus* (Eichhoff).

Melia azedarach japonica

Ambrosiodinus rubricollis (Eichhoff).

Melicocca bijugata

Xyleborus ferrugineus (Fabricius), *Xyleborus volulus* (Fabricius), *Xylosandrus laticeps* (Wood).

Melicoccus spp.

Xylosandrus compactus (Eichhoff).

Melicope neurococca

Ficicis varians Lea.

Melilotus spp.

Hylastinus obscurus (Marsham).

Meliosma cuneifolia

Xylosandrus brevis (Eichhoff).

Meliosma myriantha

Platypus calamus Blandford.

Meliosma simplicifolia

Platypus cavus Strohmeyer, *Platypus indicus* Strohmeyer, *Platypus luniger* Motschulsky, *Platypus secretus* Sampson.

Melochia odorata

Xyleborus immersus Schedl.

Melochia spp.

Xylosandrus compactus (Eichhoff).

Melochia umbellata

Xylosandrus crassiusculus (Motschulsky).

Melodorum fulgens

Ernoporus melodori (Hopkins).

Memocylon spp.

Coptodryas nugax (Schedl).

Menispermum spp.

Araptus trepidus Wood.

Meriania spp.

Scolytodes serenus Wood.

Mesogordonia spp.

Xyleborinus quadrispinosus (Eichhoff), *Xyleborus submolestus* Schedl.

Mespilodaphne spp.

Cyclorhipidion scalptor (Schedl), *Mitosoma paulianum* Schedl.

Mespilus germanica

Scolytus amygdali Guerin-Meneville.

Mespilus spp.

Scolytus rugulosus (Muller).

Mesua ferrea

Carchesiopygus impariporus (Beeson), *Coccotrypes monoceros* (Beeson), *Coccotrypes papuanus* (Eggers), *Crossotarsus bonvouloiri* Chapuis, *Crossotarsus schedli* Browne, *Cryphalus scabricollis* Eichhoff, *Dactylipalpus transversus* Chapuis, *Hadrodemius metacomans* (Eggers), *Platypus cavus* Strohmeyer, *Platypus errans* (Sampson), *Xyleborinus andreweesi* (Blandford), *Xyleborus fallax* Eichhoff, *Xyleborus mucronatulus* Eggers, *Xylosandrus mesuiae* (Eggers).

Mesua myriocarpa

Ambrosiodinus lewisi (Blandford).

Metopium toxiferum

Cryptocarenum seriatus Eggers, *Hypothenemus hirsutus* (Wood), *Pityophthorus concentralis* Eichhoff.

Metrosideros collina polymorpha

Xyleborinus saxeseni (Ratzeburg), *Xyleborus similinus* Perkins.

Metrosideros excelsa

Anasa truncatus (Erichson).

Michelia champaca

Ambrosiodinus lantanae (Eggers), *Coptodryas mus* (Eggers), *Cyclorhipidion hirtum* (Hagedorn).

Michelia excelsa

Diapus spatulifer Browne.

Michelia nilagirica

Platypus furcatus Blandford.

Michelia oblonga

Platypus cavus Strohmeyer.

Miconia caudata

Corthylus rubricollis Blandford, *Monarthrum carinulum* Wood, *Theoborus pristis* (Wood).

Miconia dodecandra

Corthycyclon aztecum (Bright).

Miconia globuliflora

Corthylus collaris Blandford, *Corthylus serratus* Wood, *Corthylus strigilis* Wood, *Corthylus truciis* Wood, *Scolytodes pumilus* Wood, *Xyleborus affinis* Eichhoff.

Miconia pubescens

Monarthrum pennatum (Schedl), *Monarthrum proximum* Wood.

Miconia schlechtendalii

Corthylus sentus Wood, *Micracis lignicolus* Wood.

Miconia spp.

Corthycyclon aztecum (Bright), *Corthylocorus barbatus* (Blandford), *Corthylocorus mexicanus* (Schedl), *Corthylus comatus* Blandford, *Corthylus retusus* Wood, *Dryocoetoides capucinus* (Eichhoff), *Hypothenemus*

erectus LeConte, *Hypothenemus interstitialis* (Hopkins), *Micracis swaini* Blackman, *Microcorthyus demissus* Wood, *Monarthrum hoegei* (Blandford), *Scolytodes immanis* Wood, *Taurodemus perebeae* (Ferrari), *Tricolus aciculatus* Wood, *Tricolus ovicollis* Blandford, *Xyleborus meritus* Wood.

Microcos coriacea

Doliopygus conradti (Strohmeyer), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Premnobius quadrispinosus* Schedl, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

Microcos pinnatifida

Cylindropalpus granulatus (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus jurioni* Schedl, *Doliopygus intersectus* Schedl, *Doliopygus medius* Schedl, *Doliopygus subditivus* (Schedl), *Hypothenemus eruditus* Westwood, *Hypothenemus macrolobii* (Eggers), *Premnobius nodulosus* Hagedorn, *Xyleborinus gracilipennis* (Schedl), *Xyleborus tenellus* Schedl, *Xyleborus xylotrupes* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

Microcos spp.

Diapus turgidus Roberts.

Microdesmis puberula

Cylindropalpus pumilio (Schedl), *Cylindropalpus pusillus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus jurioni* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff.

Microglossa volubilis

Cyrtogenius movoliae (Schedl), *Hypothenemus atterrimulus* Wood.

Micromeles spp.

Dryocoetes padi Stark, *Platypus volaticus* Schedl.

Mikania scandens

Dendrochilus mikaniae Schedl.

Mildbraediodendron excelsum

Chaetastus tuberculatus (Chapuis), *Doliopygus perbrevis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss.

Millettia atropurpurea

Platypus indicus Strohmeyer.

Millettia dehiscens

Platypus biuncus Blandford, *Platypus jansoni* Chapuis, *Platypus pseudocupulatus* Schedl.

Millettia drastica

Doliopygus conradti (Strohmeyer), *Hypothenemus eruditus* Westwood.

Millettia duchesnei

Doliopygus serratus (Strohmeyer), *Strombophorus crenatus* Hagedorn, *Strombophorus millettiae* Schedl, *Strombophorus vagans* Schedl.

Millettia ferruginea

Cyrtogenius millettiae (Schedl), *Cyrtogenius mulungensis* (Schedl), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus lefevrei* (Schedl), *Platypus impressus* (Strohmeyer), *Xyleborinus collarti* (Eggers), *Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky), *Xyleborus principalis* Eichhoff.

Millettia hylobia

Rhopalopselion congoum (Schedl).

Millettia laurentii

Hypothenemus eruditus Westwood.

Millettia megasperma

Scolytogenes tricolor (Lea).

Millettia pendula

Platypus lepidus Chapuis.

Millettia spp.

Acanthotomicus biconicus (Schedl), *Doliopygus falsificus* (Schedl), *Tiarophorus capucinus* Schedl, *Xyleborus multispinatus* Eggers.

Millettia sutherlandi

Doliopygus erichsoni (Chapuis).

Millettia thonningii

Doliopygus bulbifer Schedl.

Mimosa ervendbergii

Chramesus unicornis Wood.

Mimosa spp.

Chaetophloeus andinus Wood, *Chramesus mimosae* Blackman, *Hylocurus parkinsoniae* Blackman, *Hypothenemus brunneus* (Hopkins), *Hypothenemus dolosus* Wood, *Hypothenemus erectus* LeConte, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus opacus* (Eichhoff), *Hypothenemus rotundicollis* (Eichhoff), *Micracisella nanula* (LeConte), *Micracisella opacithorax* (Schedl), *Monarthrum fasciatum* (Say), *Pseudothymanoes acaciae* (Blackman), *Theoborus coartatus* (Sampson), *Thysanoses inornatus* Wood, *Thysanoses texanus* Blackman.

Mimusops africana

Xyleborus volvulus (Fabricius).

Mimusops affra

Xyloctonus scolytoides Eichhoff.

Mimusops djave

Platypus parallelus (Fabricius).

Mimusops elengi

Scolytominus minusopsis Wood.

Mimusops heckelii

Chaetastus tuberculatus (Chapuis), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus volvulus* (Fabricius).

Mimusops littoralis

Scolytominus pusillus (Eggers), *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Mimusops spp.

Xyleborus ferrugineus (Fabricius).

Mitragyna spp.

Ambrosiodinus eichhoffi (Schreiner), *Chaetastus tuberculatus* (Chapuis), *Doliopygus dubius* (Sampson), *Periommatius excisus* Strohmeyer, *Periommatius subrobustus* Schedl, *Pityophthorus hintzi* Schedl, *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

Mitragyna stipulosa

Chaetastus diversifrons Browne, *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff, *Xyleborus piceus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

Mitrastemon spp.

Coccotrypes barbatus (Schedl).

Moerua spp.

Ambrosiodinus signiceps (Schedl).

Monodora myristica

Chaetastus tuberculatus (Chapuis), *Hypothenemus pubipennis* (Eggers), *Mesoplatypus venustus* Schedl, *Xyleborus alluaudi* Schaufuss.

Monotes kerstingii*Doliopygus terebrans* Schedl.**Morinda citrifolia***Xyleborus perforans* (Wollaston).**Morinda lucida***Chaetastus tuberculatus* (Chapuis), *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus lefevrei* Schedl., *Xyleborus affinis* Eichhoff, *Xyleborus subtuberculatus* Eggers.**Moringa oleifera***Hypothenemus eruditus* Westwood.**Moringa pterygosperma***Scolytogenes indicus* Wood.**Morisonia americana***Cnesinus setulosus* Blandford.**Morus acidosa***Xyleborus atratus* Eichhoff.**Morus alba***Ambrosiodmus rubricollis* (Eichhoff), *Chramesus setosus* Wood, *Cryphalus exiguus* Blandford, *Ficicis varians* Lea, *Phloeotribus frontalis* (Olivier), *Thysanocs fimbriicornis* LeConte, *Trypodendron domesticum* (Linnaeus), *Xyleborus atratus* Eichhoff.**Morus bombycis***Cryphalus exiguus* Blandford, *Xyleborus atratus* Eichhoff.**Morus lactea***Chaetastus tuberculatus* (Chapuis), *Hylesinopsis dubius* Eggers, *Xyleborus piccus* (Motschulsky).**Morus mesozygia***Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Hylesinopsis dubius* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus voluculus* (Fabricius).**Morus mexozygia***Doliopygus brevis* (Strohmeyer), *Doliopygus perbrevis* Schedl., *Platypus hintzi* Schaufuss, *Xyleborus alluaudi* Schaufuss.**Morus rubra***Hylocurus langstoni* Blackman, *Hypothenemus columbi* Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus interstitialis* (Hopkins), *Phloeotribus frontalis* (Olivier).**Morus spp.***Ambrosiodmus rubricollis* (Eichhoff), *Doliopygus rapax* (Sampson), *Hypothenemus eruditus* Westwood, *Premnobius capipennis* Eichhoff, *Trachyostus aterrimus* (Schaufuss), *Xyleborus alluaudi* Schaufuss, *Xyleborus atratus* Eichhoff, *Xyleborus praevius* Blandford, *Xylosandrus germanus* (Blandford).**Motandra guineensis***Acanthotomicus biconicus* (Schedl).**Mucuna andreaana***Araptus politus* (Blandford).**Mucuna fauccetti***Araptus politus* (Blandford).**Mucuna spp.***Araptus mucunae* (Blackman).**Muelenbeckia tamnifolia***Stegomerus montanus* Wood.**Muntingia calabura***Xylosandrus compactus* (Eichhoff).**Muonania spp.***Hypothenemus seriatus* (Eichhoff).**Murraya koenigii***Crossotarsus externedentatus* (Fairmaire), *Xylosandrus crassiusculus* (Motschulsky).**Murraya paniculata***Xyleborus perforans* (Wollaston).**Murraya spp.***Xylosandrus compactus* (Eichhoff).**Musa basjoo***Hypothenemus eruditus* Westwood.**Musanga cecropioides***Cryphalus bellus* Schedl, *Doliopygus chapuisi* (Duvi-
vier), *Doliopygus conradti* (Strohmeyer), *Doliopygus serratus* (Strohmeyer), *Euwallacea pandae* (Schedl), *Hypothenemus biseriatus* (Eggers), *Hypothenemus eruditus* Westwood, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Polygraphus musangae* (Schedl), *Premnobius quadrispinosus* Schedl, *Serrastus similis* (Eggers), *Xyleborinus gracilipennis* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus caudatus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).**Musanga spp.***Ambrosiodmus eichhoffi* (Schreiner).**Myrianthus arboreus***Doliopygus donisi* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus unicornis* Schedl, *Periommatius excisus* Strohmeyer, *Tricozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).**Myrianthus holstii***Xyleborus alluaudi* Schaufuss, *Xyleborus clerodendronae* Schedl.**Myricaria spp.***Ambrosiodmus tropicus* (Hagedorn), *Premnobius cavipennis* Eichhoff, *Xyleborus ambasiusculus* Eggers.**Myrica faya***Xyleborinus saxeseni* (Ratzeburg).**Myrica pubescens***Araptus nigrellus* Wood, *Corthylus granulifer* Wood, *Corthylus rubricollis* Blandford, *Corthylus strigilis* Wood, *Xyleborus meritus* Wood.**Myrica salicifolia***Doliopygus erichsoni* (Chapuis), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus lefevrei* (Schedl), *Xyleborus principalis* Eichhoff.**Myrica spp.***Hylocurus hirtellus* (LeConte), *Xylosandrus germanus* (Blandford).**Myristica andamanica***Crossotarsus andamanus* Beeson, *Euwallacea bicolor* (Blandford), *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.**Myristica castaneaeafolia***Crossotarsus externedentatus* (Fairmaire), *Platypus vitiensis* Roberts, *Xyleborus perforans* (Wollaston).**Myristica cinnamomea***Coccotrypes variabilis* (Beeson).**Myristica dactyloides***Arixyleborus granulifer* (Eggers), *Coccotrypes longior* (Eggers), *Coccotrypes salakensis* (Schedl), *Coccotrypes vulgaris* (Eggers), *Cryphalus nigricans* Schedl, *Hyledius ceylonicus* (Schedl), *Hyledius concinnulus* (Walker), *Hyledius regalis* (Wood).**Myristica fragrans***Amasa batoerradensis* (Schedl), *Arixyleborus malayensis* (Schedl), *Coccotrypes myristicae* (Roepke),

Coccotrypes priesneri Schedl, *Coptodryas myristicae* (Schedl), *Coptodryas nuxax* (Schedl), *Hypocryphalus sumatranus* (Schedl), *Hypothenemus obscurus* (Fabricius), *Hyledius nitidicollis* (Motschulsky), *Platypus webberi* Schedl, *Xyleborus fulvulus* Schedl, *Xyleborus setulosus* Eggers.

Myristica furfuraceae

Coriaceophilus xyloctonoides Schedl, *Hypocryphalus granulatus* Schedl, *Hyledius cribratus* (Blandford).

Myristica indica

Xyleborinus andrewesi (Blandford).

Myristica longifolia

Hadrodemius pseudocomans (Eggers), *Hyledius jiri* (Wood).

Myristica philippinensis

Dactylipalpus transversus Chapuis, *Hyledius cribratus* (Blandford), *Hyledius nitidicollis* (Motschulsky).

***Myristica* spp.**

Coccotrypes barbatus (Schedl), *Coccotrypes tapatapaoanus* (Schedl), *Crossotarsus longicornis* (Schedl), *Dianerus granifer* Browne, *Diapus amblylaminatus* Roberts, *Diapus latespinis* Schedl, *Diapus nebulosus* Roberts, *Diapus oosis* Roberts, *Diapus papuanus* Schedl, *Hypocryphalus basihirtus* (Beeson), *Hypothenemus eruditus* Westwood, *Hyledius imitans* (Eggers), *Platypus bifidus* Schedl, *Platypus imberbis* Roberts, *Platypus negatus* Schedl, *Platypus nemorosus* Roberts, *Platypus papulosus* Roberts, *Platypus patens* Roberts, *Platypus selysi* Chapuis, *Xylosandrus crassiusculus* (Motschulsky).

***Myrmidone* spp.**

Hypothenemus eruditus Westwood.

Myroxylon toluiferum

Xyleborus affinis Eichhoff.

***Myrsine* spp.**

Xyleborinus saxeseni (Ratzeburg), *Xylosandrus compactus* (Eichhoff).

***Myrtaceae* spp.**

Platypus madagascariensis Chapuis.

Napoleona imperialis

Doliopygus conradi (Strohmeyer), *Doliopygus serratus* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Periommatius substriatus* Strohmeyer, *Platypus hintzi* Schaufuss, *Premnobius perspinidens* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus volculus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Napoleona* spp.**

Ambrosiodinus eichhoffi (Schreiner), *Premnobius cavipennis* Eichhoff.

Nauclea diderichii

Chaetastus tuberculatus (Chapuis), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradi* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus piceus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

Nauclea excelsa

Platypus cavus Strohmeyer.

Nauclea orientalis

Coptodryas eucalyptica (Schedl).

Nauclea sessilifolia

Platypus solidus Walker, *Platypus suffodiens* Sampson.

***Nauclea* spp.**

Platypus solidus Walker, *Platypus subtruncatus* Browne, *Platypus uncatus* Browne, *Premnobius cavipennis* Eichhoff.

Nectandra angustifolia

Xylosandrus compactus (Eichhoff).

***Nectandra* spp.**

Amphicranus terebella Blandford, *Araptus rufopalliatu*s Eichhoff, *Cnesinus bicostatus* Schedl, *Cnesinus intermedius* Schedl, *Cnesinus teretis* Wood, *Corthylus additus* Wood, *Corthylus cirritus* Wood, *Corthylus convexifrons* Wood, *Cryptocarenum brevicollis* Eggers, *Gnathotrupes colaphus* Wood, *Gnathotrupes nectandrae* Wood, *Hylocurus flagellatus* Wood, *Hypothenemus opacus* (Eichhoff), *Microcorthylus contractus* Wood, *Microcorthylus diversus* Wood, *Microcorthylus umbratus* Wood, *Monarthrum lobatum* (Ferrari), *Platypus deceptor* Wood, *Platypus secus* Wood, *Scolytodes decorus* Wood, *Sternobothrus bicaudatus* (Blandford), *Sternobothrus sculpturatus* (Blandford), *Taurodenus bicornutus* (Wood), *Xylosandrus retusus* (Eichhoff).

Neesia altissima

Xyleborus cancellatus Eggers.

Nemosoma elongatum

Xyleborinus saxeseni (Ratzeburg).

Neobuxbaumia mezealensis

Cactopinus burjosi Wood.

Neodopsis baroni

Polygraphus amoenus (Schaufuss), *Xyleborinus forficuloides* (Schedl), *Xyleborus sakalava* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

***Neonauclea* spp.**

Diapus perpygmaeus Roberts, *Diapus quinquespinnatus* Chapuis, *Platypus aolai* Browne, *Platypus solomonicus* Browne.

Neotina boursii

Xyleborinus forficuloides (Schedl).

Neowashingtonia robusta

Coccotrypes carpophagus (Hornung).

Nephelium lappaceum

Xylosandrus manicus (Blandford).

Nephelium lichii

Coccotrypes advena Blandford, *Coccotrypes confusus* (Eggers), *Coccotrypes papuanus* (Eggers), *Euwallacea fornicatus* (Eichhoff), *Hypothenemus birmanus* (Eichhoff).

Nephelium longana

Anasa beesoni (Eggers).

***Nephelium* spp.**

Anasa striatotruncatus (Schedl), *Arixyleborus suturalis* (Eggers), *Baioeis pernanulus* (Schedl), *Coccotrypes rhizophorae* (Hopkins), *Coptodryas diversicolor* (Eggers), *Crossotarsus nitidulus* (Schedl), *Platypus puerulus* (Schedl), *Xyleborinus pomelianus* (Schedl).

Nerium oleander

Araptus dubiosus (Schedl), *Araptus oleanderi* (Schedl).

***Nerium* spp.**

Microborus lautus Wood.

Nesogordonia papaverifera

Xyleborus affinis Eichhoff.

***Nesogordonia* spp.**

Polygraphus kasukumbii Schedl.

Newtonia buchananii

Platypus intermedius (Schedl).

Nicotiana tabaccum*Xyleborus spinulosus* Blandford.***Nipa* spp.***Leptoxyleborus concisus* (Blandford).***Nolena* spp.***Chramus annectens* (Wood), *Corthylus nolenae* Wood.***Nothofagus carrii****Platypus capito* Browne, *Platypus gracilior* Browne.***Nothofagus cunnanghamii****Platypus subgranosus* Schedl.***Nothofagus dombeyi****Gnathotrupes caliculus* (Schedl), *Gnathotrupes cirratus* Schedl, *Gnathotrupes impressus* (Schedl), *Gnathotrupes longipennis* (Blanchard), *Gnathotrupes longiusculus* (Schedl), *Gnathotrupes nanulus* (Schedl), *Gnathotrupes naumanni* (Schedl), *Gnathotrupes nothofagi* (Schedl), *Gnathotrupes pauciconvexus* Schedl, *Gnathotrupes pustulatus* Schedl, *Gnathotrupes similis* Schedl, *Gnathotrupes solidus* Schedl, *Gnathotrupes vaser* (Schedl), *Gnathotrupes velatus* Schedl, *Phloeotribus nahueliae* (Schedl).***Nothofagus grandis****Diapus kuperi* Roberts.***Nothofagus obliqua****Sinophilocus porteri* Brethes.***Nothofagus pullei****Diapus pusillimus* Chapuis, *Diapus spinifer* Schedl, *Platypus celsus* Roberts, *Platypus inversus* Roberts, *Platypus longicalcaratus* Roberts, *Platypus nothofagus* Roberts, *Platypus petaloideus* Roberts, *Platypus runcinatus* Roberts.***Nothofagus pumilio****Xylechinus maculatus* Schedl.***Nothofagus* spp.***Crossotarsus coxalis* Schedl, *Crossotarsus dentatus* Browne, *Cryphalus nothofagi* Browne, *Diapus nebulosus* Roberts, *Diapus robustus* Schedl, *Diapus spinifer* Schedl, *Diapus unispinus* Roberts, *Hypothenemus inermis* Browne, *Platypus denticollis* Browne, *Platypus margaritaceus* Roberts & Morimoto, *Platypus panduriformis* Roberts, *Platypus petalinus* Roberts & Morimoto, *Platypus praecegens* Schedl, *Scolytogenes papuanus* (Schedl).***Nothopanax* spp.***Euvallacea fornicatus* (Eichhoff), *Hypothenemus eruditus* Westwood.***Nuxia conferta****Cyclorhipidion guineense* (Eggers).***Nyssa aquatica****Hypothenemus eruditus* Westwood, *Xylosandrus germanus* (Blandford).***Nyssa javanica****Platypus cavus* Strohmeier, *Platypus drescheri* Schedl, *Platypus tenuissimus* Schedl.***Nyssa sessiliflora****Diapus spatulifer* Browne, *Euvallacea bicolor* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.***Nyssa* spp.***Monarthrum fasciatum* (Say), *Monarthrum mali* (Fitch), *Xyleborus ferrugineus* (Fabricius), *Xyleborus sayi* (Hopkins).***Nyssa sylvatica****Hypothenemus eruditus* Westwood.***Obscurus* spp.***Hypothenemus eruditus* Westwood.***Ochanostachys amentacea****Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Xyleborus perforans* (Wollaston), *Xyleborus volvulus* (Fabricius).***Ochna arborea****Lamurgus capensis* Schedl.***Ochrocarpos* spp.***Hypothenemus muticus* (Schedl), *Polygraphus aequalis* Schedl, *Polygraphus aequatus* Schedl, *Polygraphus amoenus* (Schaufuss).***Ochroma lagopus****Euvallacea fornicatus* (Eichhoff), *Xylosandrus morigerus* (Blandford).***Ochroma* spp.***Ambrosiodmus hagedorni* (Iglesias), *Corthylus comatus* Blandford, *Corthylus strigilis* Wood, *Hypothenemus javanus* (Eggers), *Hypothenemus opacus* (Eichhoff), *Hypothenemus seriatus* (Eichhoff), *Hypothenemus trivialis* Wood, *Monarthrum consimile* (Blandford), *Phloeotribus vesculus* Wood, *Platypus chiriquensis* Wood, *Sampsonius dampfi* Schedl, *Taurodemus perebeae* (Ferrari), *Theoborus theobromae* Hopkins, *Xyleborinus bicornatulus* (Wood), *Xyleborus caraibicus* Eggers, *Xyleborus ferox* Blandford, *Xyleborus ferrugineus* (Fabricius), *Xyleborus spinulosus* Blandford.***Ochroma velutina****Scolytodes ochromae* Wood.***Ochthocosmus africanus****Doliopygus artespinatus* (Schedl), *Doliopygus bijunctus* Roberts, *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeier), *Doliopygus costatus* Schedl, *Doliopygus ghesquieri* (Schedl), *Doliopygus interjectus* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minutissimus* (Schedl), *Doliopygus serratus* (Strohmeier), *Doliopygus spectabilis* Schedl, *Doliopygus tenuis* (Strohmeier), *Platypus hintzi* Schaufuss, *Platypus intermedius* (Schedl), *Platypus rufescens* (Strohmeier), *Platypus schenklingi* (Strohmeier), *Trachyostus schoutedeni* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus multispinus* Eggers, *Xyleborus rothkirchi* Eggers, *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).***Ocotea bullata****Xyleborinus acmulus* (Wollaston).***Ocotea catesbyana****Hypothenemus birmanus* (Eichhoff), *Hypothenemus brunneus* (Hopkins), *Hypothenemus dissimilis* (Zimmermann), *Hypothenemus interstitialis* (Hopkins), *Hypothenemus javanus* (Eggers), *Hypothenemus seriatus* (Eichhoff), *Xylosandrus zimmermanni* (Hopkins).***Ocotea guianensis****Taurodemus splendidus* (Schaufuss).***Ocotea laens****Xyleborus sartor* Schedl.***Ocotea laevis****Platypus madagascariensis* Chapuis.***Ocotea puberula****Microcorthylus suggrandis* Schedl.***Ocotea racemosa****Xyleborus sakalava* Schedl.***Ocotea rodiaei****Platypus longulus* Chapuis.

Ocotea spp.

Ambrosiodmus innominatus (Schedl), *Chaetastus montanus* Schedl, *Mitosoma excisum* Schaufuss, *Mitosoma obliquatum* Schedl, *Pagiocerus frontalis* (Fabricius), *Premobius caripennis* Eichhoff.

Ocotea usambarensis

Chaetastus montanus Schedl, *Chortastus orientalis* Schedl, *Doliopygus bidentatus* (Strohmeyer).

Otomeles sumatrana

Crossotarsus semicinctus Schedl, *Platypus jansoni* Chapuis, *Platypus solidus* Walker, *Xyleborus emarginatus* Eichhoff.

Odina fraxinifolia

Platypus darjeelingensis Schedl.

Odina wodier

Bothinodrotomus indicus Wood, *Coccotrypes nubilus* (Blandford), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus squamulatus* Chapuis, *Cryphalus scabricollis* Eichhoff, *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Genyocerus furtivus* (Sampson), *Platypus secretus* Sampson, *Platypus solidus* Walker, *Polygraphus anogeissi* Wood, *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Olea africana

Lanurgus oleae Schedl, *Lanurgus xylographus* Schedl.

Olea ambrensis

Platypus madagascariensis Chapuis, *Xyleborinus aduncus* (Schedl), *Xyleborinus quadrispinis* (Schedl), *Xyleborinus spiculatus* (Schaufuss).

Olea capensis

Lanurgus oleaeformis Schedl, *Lanurgus spathulatus* Schedl, *Lanurgus xylographus* Schedl, *Xyleborinus aemulus* (Wollaston).

Olea cuspidata

Hylesinus cingulatus Blandford, *Hylesinus macmahoni* (Stebbing).

Olea europaea

Carphoborus perrisi (Chapuis), *Chaetoptelius vestitus* (Mulsant & Rey), *Coccotrypes dactyliperda* (Fabricius), *Hylesinus californicus* (Swaine), *Hylesinus toranio* (Danthione), *Phloeotribus brevicollis* (Kolenati), *Phloeotribus maroccanus* (Guillebeau), *Phloeotribus scarabaeoides* (Bernard), *Scolytus pygmaeus* (Fabricius), *Xylosandrus compactus* (Eichhoff).

Olea hochstetteri

Chaetastus diversifrons Browne, *Chaetastus montanus* Schedl, *Ctonoxylon griseum* Schedl, *Ctonoxylon hamatum* Schedl, *Cyclorhipidion agnaticeps* (Schedl), *Lanurgus oleae* Schedl.

Olea laurifolia

Lanurgus oleaeformis Schedl, *Platypus sampsoni* (Schedl).

Olea spp.

Ambrosiodmus eichhoffi (Schreiner), *Hylesinus varius* (Fabricius), *Tiarophorus gardneri* Schedl.

Olea welwitschii

Chaetastus montanus Schedl, *Ctonoxylon hamatum* Schedl, *Ctonoxylon spathifer* Schedl.

Olmea recta

Chramesus tibialis Wood.

Olmediella spp.

Xylosandrus compactus (Eichhoff).

Oncostemum spp.

Xyleborinus signatipennis (Schedl).

Ongokea gore

Chaetastus tuberculatus (Chapuis), *Doliopygus artemisatus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus dicaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus lateralis* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Euwallacea xanthopus* (Eichhoff), *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Trachyostus schoutedeni* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Ononis natrix

Hylastinus obscurus (Marsham).

Opuntia spp.

Aphanarthrum indicum Wood.

Orbignya oleifera

Coccotrypes cyperi (Beeson).

Oreodoxa spp.

Coccotrypes dactyliperda (Fabricius).

Oreopanax capitatum

Bothrosternus foveatus (Blackman), *Cnesinus denotatus* Wood, *Cnesinus porcatus* Blandford.

Oreopanax nubigenus

Gnathotrichus omissus Wood, *Pityophthorus timidulus* Wood, *Scolytodes irazuensis* Wood, *Scolytodes punctiferus* Wood, *Xylechinus avarus* Wood.

Oreopanax spp.

Cnesinus porcatus Blandford, *Corthylus mexicanus* Schedl, *Xylechinus marmoratus* Blandford, *Xylechinus tessellatus* Blandford.

Oreopanax xalapense

Corthycyclon aztecum (Bright), *Scolytodes irazuensis* Wood, *Scolytodes venustus* Wood, *Xylechinus fuliginosus* Blandford, *Xylechinus marmoratus* Blandford, *Xylechinus mexicanus* Wood.

Oricia suaveolens

Xyleborus alluaudi Schaufuss.

Origanum vulgare

Thamnurgus kaltenbachi (Bach).

Ormosia formosana

Xyleborus atratus Eichhoff.

Ormosia hosiei

Xylosandrus mutilatus (Blandford).

Osbeckia aspera

Sueus niisimai (Eggers), *Xylosandrus mesuae* (Eggers).

Osmanthus fragrans

Xylosandrus mutilatus (Blandford).

Osmanthus spp.

Xylosandrus compactus (Eichhoff).

Ostodes paniculata

Platypus secretus Sampson.

Ostrya virginica

Pseudopityophthorus asperulus (LeConte), *Pseudothy-sanoes lecontei* Blackman.

Ostrya carpinifolia

Corthylus punctatissimus (Zimmermann), *Scolytus car-pini* (Ratzeburg).

Ostyra spp.

Scolytus intricatus (Ratzeburg), *Tiarophorus scrutator* (Pandelle).

Ougeinia dalbergioides

Hypothenemus eruditus Westwood, *Xylechinus ougeniae* Wood, *Xylosandrus crassiusculus* (Motschulsky).

Oxyanthus speciosus

Chaetastus montanus Schedl, *Xyleborus alluaudi* Schaufuss.

Oxystigma manni

Doliopygus pseudoserratus Roberts, *Mesoplatypus tenuis* Schedl.

Oxystigma msou

Periommatius nitidicollis Strohmeyer.

Oxystigma oxyphyllum

Chaetastus tuberculatus (Chapuis), *Coccotrypes rotundicollis* (Eggers), *Cylindropalpus laudatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus citri* Schedl, *Doliopygus clarus* (Schedl), *Doliopygus contradii* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus donisi* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus retusus* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Platypus schenklengi* (Strohmeyer), *Platypus solutus* Schedl, *Premnobius quadrispinosus* Schedl, *Strombophorus ericius* (Schaufuss), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus annexens* Schedl, *Xyleborus volvulus* (Fabricius).

Pachylobus spp.

Premnobius cavipennis Eichhoff.

Pachycereus pectenaboriginum

Cactopinus mexicanus Wood.

Pachycereus spp.

Cactopinus atkinsoni Wood.

Pachyelasma spp.

Coccotrypes rotundicollis (Eggers), *Premnobius cavipennis* Eichhoff.

Pachyelasma tessmanii

Doliopygus conradi (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Platypus hintzi* Schaufuss, *Premnobius longus* Eggers.

Pachylobus pubescens=Dacryodes buetneri

Acanthotomicus pachylobius (Schedl).

Pachylobus deliciosus

Coccotrypes confusus (Eggers), *Ctonoxylon spathifer* Schedl, *Cyclorhipidion cachani* (Schedl), *Cylindropalpus auricomans* (Schaufuss), *Euwallacea pandae* (Schedl), *Platypus schenklengi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Pachylobus spp.

Xyleborus alluaudi Schaufuss, *Xyleborus piceus* (Motschulsky).

Pachypodanthium staudtii

Xyleborus volvulus (Fabricius).

Pachystela laurentii

Cylindropalpus granulatus (Schedl), *Cylindropalpus interpositus* (Schedl), *Doliopygus bidentatus* (Strohmeyer), *Doliopygus dolosus* Schedl, *Premnobius mukonyae* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus ambaspennis* Schedl, *Xyleborus comparabilis* Schedl.

Pachystela spp.

Ambrosiodmus aegir (Eggers).

Pachytrope dimepate

Euwallacea xanthopus (Eichhoff), *Platypus madagascariensis* Chapuis, *Xyleborinus quadrispinis* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

Pachytrope obovata

Platypus madagascariensis Chapuis.

Padus asiatica

Cryphalus scopiger Berger.

Padus maaki

Dryocoetes padi Stark.

Padus pubescens

Cryphalus scopiger Berger.

Pajanelia longifolia

Euwallacea fornicatus (Eichhoff).

Palaquium elliptica

Crossotarsus quadricaudatus (Strohmeyer), *Xyleborinus andrewesi* (Blandford).

Palaquium gutta

Arixyleborus scabripennis (Blandford), *Hyledius cribratus* (Blandford), *Xyleborus adusticollis* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus mancus* (Blandford).

Palaquium hornei

Platypus citiensis Roberts.

Palaquium maingayi

Arixyleborus leprosulus Schedl, *Arixyleborus minor* (Eggers), *Arixyleborus suturalis* (Eggers), *Crossotarsus externedentatus* (Fairmaire), *Liparthrum palaquius* (Schedl), *Scolytomimus pusillus* (Eggers).

Palaquium pseudorostratum

Scolytomimus assamensis Schedl.

Palaquium spp.

Crossotarsus squamulatus Chapuis, *Platypus bifurcus* (Schedl), *Platypus cupulatus* Chapuis, *Platypus hirtellus* Schedl, *Platypus solidus* Walker, *Platypus westwoodi* Chapuis, *Webbia cylindricus* Schedl, *Webbia sarakawensis* Schedl, *Xyleborus apertus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus major* (Stebbing).

Palaquium stellatum

Anasa foecicollis (Browne), *Anasa versicolor* (Sampson), *Arixyleborus grandis* (Schedl), *Coptoborus bicolor* (Browne), *Coptoborus fragilis* (Browne), *Crossotarsus fractus* Sampson, *Hypocryphalus cylindrus* (Browne), *Scolytomimus pusillus* (Eggers), *Webbia costulatus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xylosandrus ater* (Eggers).

Palisandra rouge

Ambrosiodmus artemgranulatus (Schedl).

Palmetia pinnata

Scolytomimus philippinensis (Eggers).

Panax spp.

Platypus semigranosus (Sampson), *Xyleborinus spiculatus* (Schaufuss), *Xyleborus sakalava* Schedl.

Pancovia harmsiana

Chaetastus tuberculatus (Chapuis), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus jurioni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus eruditus* Westwood, *Hypothenemus solitarius* (Schedl), *Periommatatus excisus* Strohmeyer, *Periommatatus grandis* Schedl, *Periommatatus substriatus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus volvulus* (Fabricius).

Pancovia laurentii

Doliopygus conradti (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus jurioni* Schedl, *Doliopygus medius* Schedl, *Doliopygus tenuis* (Strohmeyer), *Euwallacea pandae* (Schedl), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus concolor* Hagedorn, *Periommatatus substriatus* Strohmeyer, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus rothkirchi* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Panda oleosa

Cylindropalpus laudatus (Schedl), *Doliopygus brevis* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus expletus* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus opifex* (Sampson), *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Euwallacea pandae* (Schedl), *Periommatatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus schenklingsi* (Strohmeyer), *Premnobius mukunyeae* (Schedl), *Premnobius nodulosus* Hagedorn, *Scolytotplatypus neglectus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus ficus* Eggers, *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius).

Panda spp.

Premnobius cavipennis Eichhoff, *Scolytotplatypus kieuensis* Schedl.

Pandanus spp.

Ptilopodius dubiosus Wood.

Pangium spp.

Crossotarsus mnischei Chapuis.

Pansinystalia spp.

Periommatatus mkusii Strohmeyer.

Parabaena sagittata

Euwallacea andamanensis (Blandford).

Parabenzoin praecox

Phloeosinus pulchellus Blandford, *Sucus niisimai* (Eggers), *Xylosandrus brevis* (Eichhoff), *Xylosandrus mutilatus* (Blandford).

Parabenzoin spp.

Scolytotplatypus tycon Blandford.

Paraberlina bifoliolata

Chaetastus striatus Browne.

Paramacrolobium coeruleum

Doliopygus ghesquieri (Schedl), *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus retusus* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

Parartocarpus spp.

Xyleborus ampicranoides Hagedorn, *Xyleborus apertus* Schedl.

Parashorea lucida

Crossotarsus wallacei (Thomson), *Genyocerus diaphanus* (Schedl), *Genyocerus serratus* (Schedl), *Platypus bifurcus* (Schedl), *Platypus curtus* Chapuis.

Parashorea malaenan

Platypus bifurcus (Schedl).

Parashorea plicata

Sphaerotrypes quadrituberculatus Sampson.

Parashorea spp.

Genyocerus abdominalis (Schedl), *Platypus bifurcus* (Schedl).

Parashorea stellata

Genyocerus biporus (Schedl).

Parashorea tomentella

Platypus sandakanensis Browne.

Parathesis serrulata

Corthylus mexicanus Schedl.

Parinarium curatellifolium

Doliopygus chapuisi (Duvivier), *Doliopygus intritus* (Schedl).

Parinarium excelsum

Dryocoetoides indolatus Wood, *Taurodemus flavipes* (Fabricius), *Taurodemus splendidus* (Schaufuss).

Parinarium glabra

Platypus intermedius (Schedl), *Platypus spinulosus* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus principalis* Eichhoff.

Parinarium griffithianum

Crossotarsus inermis Schedl, *Crossotarsus squamulatus* Chapuis, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Xyleborus latus* Eggers.

Parinarium holstii

Doliopygus conradti (Strohmeyer), *Doliopygus donisi* Schedl, *Doliopygus erichsoni* (Chapuis), *Doliopygus tenuis* (Strohmeyer), *Mesoplatypus kitushi* Schedl, *Mesoplatypus quinquecinctus* (Schedl), *Pityophthorus togonus* Eggers, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Platypus rufescens* (Strohmeyer), *Platypus schenklingsi* (Strohmeyer), *Xyleborus ambasiensis* Schedl, *Xyleborus parinarie* Schedl.

Parinarium insularum

Platypus titiensis Roberts.

Parinarium kerstingi

Doliopygus interjectus Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

Parinarium mobota

Diapus quinquespinatus Chapuis.

Parinarium spp.

Ambrosiodinus sarawakensis (Eggers), *Hypocryphalus striatus* Hopkins, *Leptoxyleborus concisus* (Blandford), *Ozopemon parinari* Hopkins, *Premnobius quadrispinosus* Schedl, *Premnobius robustulus* (Schedl).

Parinarium tenuifolium

Doliopygus lferrei Schedl, *Doliopygus rapax* (Sampson).

Parishia insignis

Xyleborus cognatus Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Paritricia excelsa

Taurodemus varians (Fabricius).

Parkia bicolor

Chaetastus tuberculatus (Chapuis), *Doliopygus erichsoni* (Chapuis), *Doliopygus expletus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Parkia biglobosa

Triozastus marshalli (Sampson).

Parkia filicoidea

Chaetastus tuberculatus (Chapuis), *Doliopygus chapuisi* (Duvivier).

Parkia oliveri

Doliopygus tenuis (Strohmeyer), *Platypus hintzi* Schauffuss, *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Xyleborus volutus* (Fabricius).

Parkia speciosa

Arixyleborus tuberculatus (Eggers), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus inermis* Schedl, *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Platypus cupulatus* Chapuis, *Platypus insulindicus* Schedl, *Platypus jansonii* Chapuis, *Platypus lepidus* Chapuis, *Platypus pseudocupulatus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborus affinis* Eichhoff, *Xyleborus haberkorni* Eggers, *Xyleborus perforans* (Wollaston).

Parkia spp.

Doliopygus perminutissimus (Schedl), *Scolytplatypus occidentalis* Browne.

Parkinsonia aculeata

Amphicranus fastigiatus Blandford, *Monarthrum fimbriaticorne* (Blandford).

Parmentiera edulis

Hypothenemus eruditus Westwood, *Hypothenemus gossypii* (Hopkins).

Paropsia schiebeniana

Doliopygus conradti (Strohmeyer), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Dryocoetoides cristatus* (Fabricius), *Euwallacea pandae* (Schedl), *Hypothenemus biserialis* (Eggers), *Hypothenemus criticus* (Schedl), *Hypothenemus eruditus* Westwood, *Platypus hintzi* Schauffuss, *Premnobius longus* Eggers, *Premnobius marginatus* Eggers, *Trachyostus schaufussi* (Strohmeyer).

Parrottia jacquemontiana

Scolytplatypus siomio Blandford.

Parthenium argentatum

Pityophthorus mexicanus Blackman.

Parthenocissus quinquefolia

Hypothenemus squamosus (Hopkins).

Parotocarpus spp.

Euwallacea arteleavis (Schedl).

Pasania aspericupula

Crossotarsus chalcographus Schedl, *Crossotarsus terminatus* Chapuis.

Pasania cuspidata

Crossotarsus emancipatus Murayama, *Crossotarsus rengetensis* Nisima & Murayama, *Xyleborus atratus* Eichhoff, *Xyleborus exesus* Blandford, *Xyleborus nagaensis* Murayama.

Pasania glabra

Platypus quercitorus Murayama.

Pasania oocarpa

Crossotarsus squamulatus Chapuis.

Pasania spp.

Amasa schlichii (Stebbing), *Amasa versicolor* (Sampson), *Crossotarsus squamulatus* Chapuis, *Cyclorhipidion circumcissum* (Sampson), *Diapus quinquespinatus* Chapuis, *Leptoxyleborus concisus* (Blandford), *Platypus buncus* Blandford, *Platypus pseudosolidus* Schedl, *Platypus semiernis* Schedl, *Webbia piscecauda* Browne.

Pasania sundaica

Arixyleborus scabripennis (Blandford), *Coptodryas diversicolor* (Eggers), *Crossotarsus longicollis* Browne, *Crossotarsus terminatus* Chapuis, *Cyclorhipidion punctatopilosum* (Schedl), *Diapus quinquespinatus* Chapuis, *Leptoxyleborus concisus* (Blandford), *Platypus convexicauda* Schedl, *Platypus pasanaie* Schedl, *Platypus platypoides* (Browne), *Xyleborus ciliatiformis* Schedl, *Xyleborus latus* Eggers.

Pascovia spp.

Hypothenemus ater (Eggers).

Paspalum vaginatum

Hypothenemus californicus Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus pubescens* Hopkins.

Passiflora latifolia

Hypothenemus crudiae (Panzer), *Hypothenemus eruditus* Westwood.

Passiflora mollissima

Chramesus bispinus Wood.

Passiflora multiflora

Hypothenemus eruditus Westwood.

Passiflora spp.

Xylosandrus compactus (Eichhoff).

Passing spp.

Xyleborus separandus Schedl.

Paullinia pinnata

Hypothenemus grandis Schedl.

Pausinystalia macroceras

Triozastus caliginosus Roberts.

Pavonia rutshuruensis

Doliopygus erichsoni (Chapuis).

Payena spp.

Crossotarsus wallacei (Thomson).

Pedialanthus macrocarpus

Arapetus attenuatus Wood.

Peganum parmala

Thammurgus brylinskyi Reitter.

Pelargonium hortorum

Amasa amputatus (Blandford).

Pelea spp.

Xyleborus oahuensis Perkins, *Xylosandrus compactus* (Eichhoff).

Pellacalyx saccardianus

Xyleborus similis Ferrari.

Peltogyne spp.

Monarthrum parvum (Eggers).

Peltophorum pterocarpum

Xyleborinus gracilipennis (Schedl).

Penarahan spp.

Platypus granosus Brownie.

Pentaclethra eetveldeana

Cylindropalpus camerunus (Schedl), *Hylesinopsis horridus* (Eggers), *Hypothenemus eruditus* Westwood, *Periommatus longicollis* Chapuis, *Pityophthorus congonus* Eggers.

Pentaclethra macrophylla

Coptoborus usagaricus (Eggers), *Diapus quinquespinatus* Chapuis, *Doliopygus bilobatus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus donisi* Schedl, *Doliopygus exilis* (Chapuis), *Doliopygus gracilior* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus notatus* Schedl, *Doliopygus propinquus* Schedl, *Dryocoetoides cristatus* (Fabricius), *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus submarginatus* Schedl, *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus ater* (Eggers), *Hypothenemus biseriatus* (Eggers), *Hypothenemus concolor* Hagedorn, *Hypothenemus eruditus* Westwood, *Pityophthorus pentaclethrae* Schedl, *Platypus parallelus* (Fabricius), *Platypus spinulosus* (Strohmeyer), *Prennobiobius mukunyeae* (Schedl), *Prennobiobius nodulosus* Hagedorn, *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xyleborus ficus* Eggers, *Xyleborus multispinatus* Eggers, *Xyleborus pentaclethrae* Schedl, *Xyleborus principalis* Eichhoff, *Xyleborus rothkirchi* Eggers, *Xyleborus scobinatus* Hagedorn, *Xyleborus subgranosus* Schedl, *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius).

Pentaclethra spp.

Ambrosiodmus tropicus (Hagedorn).

Pentacme contorta

Sphaerotrypes quadrituberculatus Sampson.

Pentacme mavis

Cryptoxyleborus subnaevus Schedl.

Pentacme spp.

Platypus bifurcus (Schedl).

Pentacme suavis

Coptodryas perparva (Sampson), *Cryptoxyleborus turbineus* (Sampson), *Diapus pendleburyi* Schedl, *Diapus quinquespinatus* Chapuis, *Sphaerotrypes pentacme* Wood, *Sphaerotrypes quadrituberculatus* Sampson.

Pentadesma butyracea

Coccotrypes rotundicollis (Eggers).

Pentadesma lebrunii

Chaetastus montanus Schedl, *Coptoborus usagaricus* (Eggers), *Doliopygus erichsoni* (Chapuis), *Platypus solutus* Schedl, *Polygraphus longipilis* Schedl, *Polygraphus tenuipennis* Schedl, *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus ambasi-pennis* Schedl, *Xyleborus principalis* Eichhoff, *Xyleborus spheos* Sampson, *Xyleborus truncatulus* Schedl.

Pentaspadon spp.

Xyleborus apertus Schedl.

Peptadenia perivillei

Xyleborinus signatipennis (Schedl).

Peraphyllum ramosissimum

Chaetophloeus heterodoxus (Casey).

Perebea integrifolia

Taurodemus perebeae (Ferrari).

Pericopsis elata

Platypus assamelaiae.

Periploca graeca

Liparthrum arnoldi Semenov.

Perrottetia sandwicensis

Xyleborinus saxeseni (Ratzeburg).

Perrottetia spp.

Xyleborus ferrugineus (Fabricius), *Xylosandrus compactus* (Eichhoff).

Persea americana

Ambrosiodmus aegir (Eggers), *Araptus mendicus* Wood, *Araptus placetulus* Wood, *Araptus schwarzi* (Blackman), *Cnesinus carinatus* Wood, *Cnesinus costulatus* Blandford, *Cnesinus electinus* Wood, *Cnesinus gracilis* Blandford, *Cnesinus mycelitis* Wood, *Cnesinus prominulus* Wood, *Cnesinus pullus* Blandford, *Cnesinus punctatus* Blandford, *Coccotrypes cyperi* (Beeson), *Corthylocorus aguacatensis* (Schedl), *Corthylus flagellifer* Blandford, *Corthylus papulans* Eichhoff, *Corthylus sanguineus* Schedl, *Crossotarsus externedentatus* (Fairmaire), *Cryptocarenum diadematus* Eggers, *Doliopygus erichsoni* (Chapuis), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Hypothenemus seriatus* (Eichhoff), *Pagiocerus frontalis* (Fabricius), *Phloeocleptus obscurus* Wood, *Platypus madagascariensis* Chapuis, *Platypus solutus* Schedl, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus aplanatideclivis* Schedl, *Xyleborus perforans* (Wollaston).

Persea borbonia

Ambrosiodmus lecontei Hopkins, *Cryptocarenum seriatus* Eggers, *Hypothenemus birmanus* (Eichhoff), *Hypothenemus interstitialis* (Hopkins), *Hypothenemus javanus* (Eggers), *Hypothenemus seriatus* (Eichhoff).

Persea gratissima

Coccotrypes dactyliperda (Fabricius), *Crossotarsus externedentatus* (Fairmaire), *Euwallacea fornicatus* (Eichhoff), *Pityophthorus kivuensis* Schedl, *Platypus biuncus* Blandford, *Platypus cupulatus* Chapuis, *Platypus insulindicus* Schedl, *Xyleborus affinis* Eichhoff, *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Persea indica

Hypothenemus longipennis (Eggers), *Xylosandrus compactus* (Eichhoff).

Persea pittieri

Araptus schwarzi (Blackman).

Persea popenoi

Monarthrum subgranulatum Wood.

Persea spp.

Ambrosiodmus obliquus (LeConte), *Chramesus atkinsoni* Wood, *Euwallacea fornicatus* (Eichhoff), *Pagiocerus frontalis* (Fabricius), *Phloeocleptus ardis* Wood, *Phloeocleptus atkinsoni* Wood, *Phloeocleptus cristatus* Wood, *Phloeocleptus spicatus* Wood, *Pseudothysanoes perseae* Wood, *Xylosandrus compactus* (Eichhoff).

Perymanium grande

Pityophthorus hermosus Wood.

Petraea volubilis

Euwallacea fornicatus (Eichhoff).

Phalocarpus septentrionalis

Hypothenemus birmanus (Eichhoff), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood.

Phaseolus lunatus

Hypothenemus eruditus Westwood.

Phaseolus spp.

Chramesus pumilus (Chapuis).

Phellodendron amurense

Crossotarsus niponicus Blandford, *Eucallacea validus* (Eichhoff), *Xyleborus aequalis* (Reitter), *Xyleborus maiche* (Stark), *Xylechinus bergeri* Spessivtzev.

Phellodendron sachalinensis

Eidophelus imitans Eichhoff.

Phellodendron spp.

Scolytoplatypus tycon Blandford.

Phialodiscus bancoensis

Pityophthorus joveri Schedl.

Phialodiscus plurijugatus

Platypus orientalis (Strohmeyer).

Philibertella clausa

Hypothenemus eruditus Westwood, *Hypothenemus seriatus* (Eichhoff).

Phoebe attenuata

Platypus errans (Sampson).

Phoebe hainesiana

Coccotrypes vulgaris (Eggers).

Phoebe lanceolata

Ambrosiodinus lewisi (Blandford), *Phloeosinus phoebe* Wood, *Xyleborus rufobrunneus* Eggers, *Xyleborus shoreae* (Stebbing), *Xylosandrus crassiusculus* (Motschulsky).

Phoebe mexicana

Amphicranus collaris Blandford, *Amphicranus melanura* (Blandford), *Corthylus collaris* Blandford, *Corthylus comatus* Blandford, *Corthylus panamensis* Blandford, *Corthylus retusus* Wood, *Corthylus serratus* Wood, *Corthylus strigilis* Wood, *Monarthrum carinulum* Wood, *Platypus simpliciformis* Wood, *Scolytodes phoebeae* Wood, *Scolytodes piceus* (Blandford), *Tricolus naevus* Wood, *Tricolus ovicollis* Blandford, *Tricolus scitulus* Wood, *Xyleborus meritus* Wood, *Xyleborus prolatus* Wood.

Phoenix canariensis

Coccotrypes dactyliperda (Fabricius), *Dactylotrypes longicollis* (Wollaston).

Phoenix dactylifera

Coccotrypes carpophagus (Hornung), *Coccotrypes dactyliperda* (Fabricius), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston).

Phoenix paludosa

Leptoxyleborus concisus (Blandford).

Phoenix reclinata

Coccotrypes dactyliperda (Fabricius), *Platypus impressus* (Strohmeyer).

Phoenix rupicola

Coccotrypes dactyliperda (Fabricius).

Phoenix spp.

Coccotrypes dactyliperda (Fabricius), *Coccotrypes distinctus* (Motschulsky).

Phoenix sylvestris

Coccotrypes dactyliperda (Fabricius).

Phoradendron bolleanum

Pseudothysanoes funebris Wood.

Phoradendron flavescens

Pseudothysanoes leechi Wood, *Pseudothysanoes phoradendri* Blackman.

Phoradendron longifolium

Pseudothysanoes funereus Wood.

Phoradendron robinsonii

Pseudothysanoes viscivorus Wood.

Phoradendron robustissimum

Chaetophloeus phoradendri Wood, *Pseudothysanoes furvus* Wood, *Pseudothysanoes viscicolens* Wood.

Phoradendron spp.

Chaetophloeus confinis Wood, *Chaetophloeus phoradendri* Wood, *Chaetophloeus struthanthi* Wood, *Chramesus priscus* Wood, *Hypothenemus solocis* Wood, *Hypothenemus squamosus* (Hopkins), *Pseudothysanoes amassius* Wood, *Pseudothysanoes bullatus* Wood, *Pseudothysanoes fimbriatus* Wood, *Pseudothysanoes furvatus* Wood, *Pseudothysanoes furvescens* Wood, *Pseudothysanoes graniticus* Wood, *Pseudothysanoes peniculus* Wood, *Pseudothysanoes tenellus* Wood, *Pseudothysanoes verdicus* Wood, *Pseudothysanoes verticillus* Wood, *Xylosandrus curtulus* (Eichhoff).

Photina japonica

Eucallacea fornicatus (Eichhoff).

Phragmites communis

Hypothenemus eruditus Westwood.

Phyllanthus discoideus

Doliopygus dubius (Sampson), *Doliopygus lefevrei* Schedl, *Doliopygus serratus* (Strohmeyer).

Phyllanthus emblica

Xyleborinus artestriatus (Eichhoff).

Phyllanthus flexuosus

Indocryphalus pubipennis (Blandford).

Phyllanthus guineensis

Eucallacea xanthopus (Eichhoff).

Phyllanthus spp.

Hypothenemus grandis Schedl.

Phyllocladus hypophylla

Phloeosinus phyllocladus Bright.

Phyllocladus spp.

Diapus bilunatus Schedl, *Diapus elongatus* Schedl, *Diapus nanus* Schedl, *Diapus nebulosus* Roberts.

Phyllostachys spp.

Scolytoplatypus mikado Blandford.

Phytelephas macrocarpa

Coccotrypes cyperi (Beeson), *Coccotrypes dactyliperda* (Fabricius).

Phytolacca spp.

Eucallacea xanthopus (Eichhoff).

Phytophthora cambivora

Platypus cylindrus (Fabricius), *Xyleborus dryographus* (Ratzeburg).

Piarna spp.

Platypus biuncus Blandford.

Picea abies

Pityophthorus micrographus (Linnaeus), *Pityophthorus tragardi* Spessivtzev.

Picea ajanensis

Crypturgus tuberosus Niisima, *Hylastes brunneus* Erichson, *Hylastes plumbeus* Blandford, *Orthotomicus starki* Spessivtzev, *Pityogenes foveolatus* Eggers, *Pityogenes seirindensis* Murayama, *Pityophthorus jucundus* Blandford, *Pityophthorus sichotensis* Kurenzov, *Tomicus puellus* (Reitter).

Picea asperata

Cryphalus miyalopiceus Tsai & Li, *Cryphalus saltuarius* Weise, *Hylurgops eusulcatus* Tsai & Huang, *Polygraphus angustus* Tsai & Yin, *Polygraphus squameus* Yin & Huang, *Polygraphus szemaensis* Tsai & Yin, *Polygraphus zhundianensis* Tsai & Yin, *Scolytus sinopiceus* Tsai, *Xyleborinus saxeseni* (Ratzeburg).

Picea chihuahuana

Pityophthorus bassetti Blackman, *Pseudothysanoes confiferae* (Wood).

Picea engelmannii

Carphoborus carri Swaine, *Carphoborus intermedius* Wood, *Carphoborus piceae* Wood, *Carphoborus sansoni* Swaine, *Cryphalus ruficollis* Hopkins, *Crypturgus borealis* Swaine, *Dolurgus pumilus* (Mannerheim), *Dryocoetes caryi* Hopkins, *Dryocoetes confusus* Swaine, *Gnathotrichus denticulatus* Blackman, *Gnathotrichus retusus* (LeConte), *Hylastes macer* LeConte, *Hylurgops reticulatus* Wood, *Hylurgops rugipennis rugipennis* (Mannerheim), *Hylurgops subcostulatus subcostulatus* (Mannerheim), *Ips borealis swainei* Hopping, R., *Ips borealis lanieri* Wood, *Ips hunteri* Swaine, *Ips perturbatus* (Eichhoff), *Ips pilifrons pilifrons*, *Ips pilifrons utahensis* Wood, *Ips pilifrons sulcifrons* Wood, *Ips tridens engelmanni* Swaine, *Phloeotribus lecontei* Schedl, *Pityokteines lasiocarpi* (Swaine), *Pityophthorus aquilus* Blackman, *Pityophthorus bassetti* Blackman, *Pityophthorus carinulatus* Swaine, *Pityophthorus murrayanae* Blackman, *Pityophthorus nitidulus* (Mannerheim), *Pityophthorus nitidus* Swaine, *Pityophthorus occidentalis* Blackman, *Pityophthorus opaculus* LeConte, *Pityophthorus pseudotsugae* Swaine, *Pityophthorus recens* Bright, *Pityophthorus tuberculatus* Eichhoff, *Polygraphus convexifrons* Wood, *Polygraphus hoppingi* Swaine, *Polygraphus rufipennis* (Kirby), *Scierus annectens* LeConte, *Scierus pubescens* Swaine, *Scolytus opacus* Blackman, *Trypodendron rufitarsis* (Kirby), *Xylechinus montanus* Blackman.

Picea excelsa

Carphoborus rossicus Semenov, *Carphoborus teplouchovi* Spessivtsev, *Cryphalus asperatus* (Gyllenhal), *Cryphalus piceae* (Ratzeburg), *Cryphalus piceus* Eggers, *Cryphalus saltuarius* Weise, *Dendroctonus micans* (Kugelann), *Hylastes angustatus* (Herbst), *Hylastes brunneus* Erichson, *Hylastes cunicularius* Erichson, *Hylastes plumbeus* Blandford, *Hylurgops glabratus* (Zetterstedt), *Hylurgops inouyei* Nobuchi, *Hylurgops palliatus* (Gyllenhal), *Ips amitinus* (Eichhoff), *Ips duplicatus* (Sahlberg), *Orthotomicus starki* Spessivtsev, *Phloeotribus spinulosus* (Rey), *Pityogenes saalasi* Eggers, *Pityophthorus arakii* (Sawamoto), *Pityophthorus exsculptus* (Ratzeburg), *Pityophthorus micrographus* (Linnaeus), *Pityophthorus morosovi* Spessivtsev, *Pityophthorus pityographus* (Ratzeburg), *Pityophthorus tragardhi* Spessivtsev, *Trypodendron laeae* Eggers.

Picea glauca

Carphoborus andersoni Swaine, *Carphoborus carri* Swaine, *Carphoborus sansoni* Swaine, *Cryphalus ruficollis* Hopkins, *Crypturgus borealis* Swaine, *Dendroctonus punctatus* LeConte, *Dryocoetes caryi* Hopkins, *Dryocoetes granicollis* (LeConte), *Ips borealis borealis* Swaine, *Ips borealis thomasi* Hopping, G., *Ips borealis lanieri* Wood, *Ips perturbatus* (Eichhoff), *Ips tridens tridens*, *Ips tridens engelmanni* Swaine, *Phloeosinus pini* Swaine, *Phloeotribus piceae* Swaine, *Pityophthorus balsameus* Blackman, *Pityophthorus bassetti* Blackman, *Pityophthorus biovalis* Blackman, *Pityophthorus cariniceps* LeConte, *Pityophthorus cascoensis* Blackman, *Pityophthorus concavus* Blackman, *Pityophthorus consimilis* LeConte, *Pityophthorus dentifrons* Blackman, *Pityophthorus intextus* Swaine, *Pityophthorus murrayanae* Blackman, *Pityophthorus nitidulus* (Mannerheim), *Pityophthorus nitidus* Swaine,

Pityophthorus opaculus LeConte, *Pityophthorus recens* Bright, *Polygraphus convexifrons* Wood, *Polygraphus rufipennis* (Kirby), *Scierus annectens* LeConte, *Xylechinus americanus* Blackman.

Picea glehnii

Cryphalus piceae (Ratzeburg), *Cryphalus piceus* Eggers, *Crypturgus tuberosus* Niisima, *Hylurgops inouyei* Nobuchi, *Polygraphus gracilis* Niisima, *Xyleborus septentrionalis* Niisima.

Picea jezoensis

Cryphalus jezoensis Inouye & Nobuchi, *Cryphalus laricis* Niisima, *Cryphalus niponensis* Inouye & Nobuchi, *Cryphalus piceae* (Ratzeburg), *Cryphalus piceus* Eggers, *Cryphalus sichotensis* Kurenzov, *Crypturgus tuberosus* Niisima, *Dryocoetes nijimai* Nobuchi, *Hylastes cunicularius* Erichson, *Hylastes plumbeus* Blandford, *Hylurgops glabratus* (Zetterstedt), *Hylurgops inouyei* Nobuchi, *Hylurgops interstitialis* (Chapuis), *Hylurgops longipilus* (Reitter), *Hylurgops spessivtsevi* Eggers, *Hylurgops interstitialis* (Chapuis), *Hylurgops palliatus* (Gyllenhal), *Ips duplicatus* (Sahlberg), *Pityogenes foveolatus* Eggers, *Pityogenes seirindensis* Murayama, *Polygraphus gracilis* Niisima, *Polygraphus proximus* Blandford, *Polygraphus sachalinensis* Eggers, *Polygraphus squamulatus* Niisima, *Tomiscus puellus* (Reitter), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus septentrionalis* Niisima.

Picea koraiensis

Carphoborus tairensis Murayama, *Carphoborus teplouchovi* Spessivtsev, *Crypturgus tuberosus* Niisima, *Hylurgops glabratus* (Zetterstedt), *Pityophthorus morosovi* Spessivtsev, *Pityophthorus pini* Kurenzov, *Polygraphus proximus* Blandford, *Polygraphus sachalinensis* Eggers.

Picea likiangensis

Polygraphus junnanicus Sokanovskii.

Picea mariana

Crypturgus alutaceus Schwarz, *Pityophthorus biovalis* Blackman, *Pityophthorus briscoei* Blackman, *Pityophthorus nitidus* Swaine.

Picea microsperma

Hylurgops palliatus (Gyllenhal).

Picea morinda

Crossotarsus confiferae Stebbing, *Cryphalus major* Stebbing, *Dryocoetes indicus* Stebbing, *Ips stebbingi* Strohmeier, *Pityogenes spessivtsevi* Lebedev, *Polygraphus major* Stebbing, *Polygraphus pini* Stebbing, *Scolytoptatypus raja* Blandford, *Scolytoptatypus siomio* Blandford.

Picea morrisonicola

Polygraphus taiwanensis Schedl.

Picea obovata

Carphoborus teplouchovi Spessivtsev, *Cryphalus piceus* Eggers, *Cryphalus saltuarius* Weise, *Hylastes brunneus* Erichson, *Hylastes cunicularius* Erichson, *Hylastes plumbeus* Blandford, *Hylurgops glabratus* (Zetterstedt), *Hylurgops spessivtsevi* Eggers, *Ips duplicatus* (Sahlberg), *Orthotomicus starki* Spessivtsev, *Pityogenes rudnei* Sokanovskii, *Pityogenes saalasi* Eggers, *Pityogenes seirindensis* Murayama, *Pityophthorus flavimaculatus* Murayama, *Pityophthorus lapponicus* Stark, *Pityophthorus lichtensteini* (Ratzeburg), *Pityophthorus micrographus* (Linnaeus), *Pityophthorus morosovi* Spessivtsev, *Pityophthorus pini* Kurenzov, *Pityophthorus tragardhi* Spessivtsev, *Polygraphus sachalinensis* Eggers.

Picea omorika

Pityophthorus micrographus (Linnaeus), *Pityophthorus pityographus* (Ratzeburg).

Picea orientalis

Cryphalus saltuarius Weise, *Pityophthorus pityographus* (Ratzeburg).

Picea pungens

Carphoborus brevisetosus Wood, *Carphoborus sansoni* Swaine, *Ips hunteri* Swaine, *Ips pilifrons sulcifrons* Wood, *Phloeotribus lecontei* Schedl, *Pityokteines ornatus* (Swaine), *Pityophthorus bassetti* Blackman, *Pityophthorus carinulatus* Swaine, *Pityophthorus murrayanae* Blackman, *Pityophthorus occidentalis* Blackman, *Pityophthorus opaculus* LeConte, *Pityophthorus ornatus* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Polygraphus rufipennis* (Kirby).

Picea rubens

Carphoborus carri Swaine, *Carphoborus dummi* Swaine, *Cryphalus rubentis* Hopkins, *Cryphalus ruficollis* Hopkins, *Crypturgus borealis* Swaine, *Dendroctonus punctatus* LeConte, *Dryocoetes caryi* Hopkins, *Pityophthorus angustus* Blackman, *Pityophthorus biovalis* Blackman, *Pityophthorus briscoli* Blackman, *Pityophthorus dentifrons* Blackman, *Polygraphus rufipennis* (Kirby), *Xylechinus americanus* Blackman.

Picea schrenkiana

Ips hauseri Reitter, *Pityogenes spessivtzevi* Lebedev, *Pityophthorus kirgisicus* Pjatnitskii, *Pityophthorus parfentievi* Pjatnitskii, *Pityophthorus schrenkianae* Pjatnitskii.

Picea sitchensis

Cryphalus pubescens Hopkins, *Dendroctonus punctatus* LeConte, *Dolurgus punilus* (Mannerheim), *Hylurgops reticulatus* Wood, *Hylurgops rugipennis rugipennis* (Mannerheim), *Ips concinnus* (Mannerheim), *Ips plastographus maritimus* Lanier, *Ips tridens tridens*, *Ips tridens engelmanni* Swaine, *Pityophthorus nitidulus* (Mannerheim), *Pseudohylesinus sitchensis* Swaine.

Picea spinulosa

Trypodendron dorjitenzingi Schmutzenhofer.

***Picea* spp.**

Carphoborus sansoni Swaine, *Cryphalus latus* Eggers, *Crypturgus cinereus* (Herbst), *Crypturgus hispidulus* Thomson, *Crypturgus pusillus* (Gyllenhal), *Crossotarsus piceae* Stebbing, *Dendroctonus rufipennis* Kirby, *Dendroctonus valens* LeConte, *Dryocoetes affaber* (Mannerheim), *Dryocoetes autographus* (Ratzeburg), *Dryocoetes formosanus* Nobuchi, *Dryocoetes hectographus* Reitter, *Dryocoetes pini* Niisima, *Dryocoetes rugicollis* Eggers, *Gnathotrichus materiarius* (Fitch), *Hylastes angusticollis* Eggers, *Hylastes ater* (Paykull), *Hylastes nigrinus* (Mannerheim), *Hylastes opacus* Erichson, *Hylurgops imitator* (Reitter), *Hylurgops porosus* (LeConte), *Hylurgops rugipennis pinifex* Fitch, *Hylurgops subcostatus subcostulatus* (Mannerheim), *Hypothenemus interstitialis* (Hopkins), *Ips acuminatus* (Gyllenhal), *Ips orientalis* Wood & Yin, *Ips sexdentatus* (Boemer), *Ips typographus* (Linnaeus), *Orthotomicus caelatus* (Eichhoff), *Orthotomicus laricus* (Fabricius), *Orthotomicus proximus* (Eichhoff), *Orthotomicus suturalis* (Gyllenhal), *Pityogenes bidentatus* (Herbst), *Pityogenes chalcographus* (Linnaeus), *Pityogenes quadridens* (Hartig), *Pityokteines curvidens* (Germar), *Pityophthorus balsaneus* Blackman, *Pityophthorus carinatus carinatus* Bright, *Pityophthorus consimilis* LeConte, *Pityophthorus lautus* Eichhoff,

Pityophthorus puberulus (LeConte), *Pityophthorus pulicarius* (Zimmermann), *Platypus xylographus* Schedl, *Polygraphus jezoensis* Niisima, *Polygraphus kisoensis* Niisima, *Polygraphus poligraphus* (Linnaeus), *Polygraphus rufipennis* (Kirby), *Polygraphus subopacus* Thomson, *Scolytoplatypus tycon* Blandford, *Scolytus piceae* (Swaine), *Tomicus minor* (Hartig), *Tomicus piniperda* (Linnaeus), *Trypodendron lineatum* (Olivier), *Xyleborinus saxeseni* (Ratzeburg), *Xylechinus montanus* Blackman, *Xylechinus pilosus* (Ratzeburg), *Xyloterinus politus* (Say).

***Pimeleodendron* spp.**

Platypus advena Schedl, *Platypus fulgidus* Browne.

Pinus albicaulis

Dendroctonus ponderosae Hopkins, *Ips latidens* (LeConte), *Ips montanus* (Eichhoff), *Pityogenes fossifrons* (LeConte), *Pityophthorus absonus* Blackman, *Pityophthorus aquilus* Blackman, *Pityophthorus confertus* Swaine, *Pityophthorus confinis* LeConte, *Pityophthorus murrayanae* Blackman, *Pityophthorus toralis* Wood.

Pinus aristata

Carphoborus declivis Wood, *Conophthorus ponderosae* Hopkins, *Pityophthorus absonus* Blackman, *Pityophthorus aquilus* Blackman, *Pityophthorus boycei* Swaine, *Pityophthorus crassus* Blackman, *Pityophthorus jeffreyi* Blackman, *Pityophthorus mormon* Bright, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman.

Pinus armandii

Cryphalus chinlingensis Tsai & Li, *Cryphalus lipingensis* Tsai & Li, *Cryphalus pseudochinlingensis* Tsai & Li, *Dendroctonus armandi* Tsai & Li, *Hylastes techangensis* Tsai & Huang, *Hylurgops junnanicus* Sokanovskii, *Hylurgops longipilus* (Reitter), *Hylurgops major* Eggers, *Polygraphus junnanicus* Sokanovskii, *Polygraphus sinensis* Eggers, *Polygraphus squameus* Yin & Huang, *Polygraphus verrucifrons* Tsai & Yin, *Polygraphus zhungdianensis* Tsai & Yin, *Tomicus pilifer* (Spessivtsev), *Xyleborinus saxeseni* (Ratzeburg).

Pinus attenuata

Hylurgops porosus (LeConte), *Hylurgops reticulatus* Wood, *Hylurgops rugipennis rugipennis* (Mannerheim), *Ips mexicanus* (Hopkins), *Ips paraconfusus* Lanier, *Pityokteines ornatus* (Swaine), *Pityophthorus californicus* Bright, *Pityophthorus carmeli* Swaine, *Pityophthorus tuberculatus* Eichhoff.

Pinus ayacahuite

Dendroctonus adjunctus Blandford, *Dendroctonus approximatus* Dietz, *Dendroctonus mexicanus* Hopkins, *Hylurgops planirostris* (Chapuis), *Pityoborus secundus* Blackman, *Pityophthorus abstrusus* Bright, *Pityophthorus annectens* LeConte, *Pityophthorus brevis* Blackman, *Pityophthorus crassus* Blackman, *Pityophthorus cristatus* Wood, *Pityophthorus cuspidatus* Blackman, *Pityophthorus delicatus* Wood, *Pityophthorus discretus* Wood, *Pityophthorus festus* Wood, *Pityophthorus glabratus* (Schedl), *Pityophthorus impexus* Bright, *Pityophthorus montivagus* Bright, *Pityophthorus nigricans* Blandford, *Pityophthorus scabridus* Schedl, *Pityophthorus solus* Blackman.

Pinus balfouriana

Dendroctonus ponderosae Hopkins, *Hylurgops rugipennis pinifex* Fitch, *Ips montanus* (Eichhoff), *Pityogenes fossifrons* (LeConte), *Pityophthorus absonus* Blackman.

Pinus banksiana

Conophthorus resinosae Hopkins, *Cryphalus fulvus* Niiisma, *Dendroctonus murrayanae* Hopkins, *Ips perroti* Swaine, *Ips pilifrons thatcheri* Wood, *Ips pini* (Say), *Phloeosinus pini* Swaine, *Pityogenes plagiatus* (LeConte), *Pityophthorus balsameus* Blackman, *Pityophthorus briscoci* Blackman, *Pityophthorus cariniceps* LeConte, *Pityophthorus cavatus* Bright, *Pityophthorus concavus* Blackman, *Pityophthorus consimilis* LeConte, *Pityophthorus dentifrons* Blackman, *Pityophthorus puberulus* (LeConte), *Pityophthorus pulchellus* Eichhoff, *Trypodendron rufitarsis* (Kirby), *Trypodendron scabricollis* (LeConte).

Pinus brutia

Pityogenes pennidens (Reitter).

Pinus canariensis

Crypturgus concolor (Wollaston), *Hylastes lowei* Paiva, *Ips nobilis* (Wollaston).

Pinus caribaea

Pityoborus hondurensis Wood, *Pityophthorus annectens* LeConte, *Pityophthorus occlusus* Bright, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus scabridus* Schedl, *Xyleborinus sharpae* (Hopkins).

Pinus cembra

Hylurgops glabratus (Zetterstedt), *Pityogenes conjunctus* Reitter, *Pityophthorus lichtensteini* (Ratzeburg).

Pinus cembroides

Carphoborus convexifrons Wood, *Carphoborus pini-colens* Wood, *Conophthorus edulis* Hopkins, *Ips hoppingi* Lanier, *Pityophthorus arcanus* Bright, *Pityophthorus barberi* Blackman, *Pityophthorus confertus* Swaine, *Pityophthorus crassus* Blackman, *Pityophthorus deletus* LeConte, *Pityophthorus keeni* (Blackman), *Pityophthorus lecontei* Bright, *Pityophthorus leiophyllae* Blackman, *Pityophthorus modicus* Blackman, *Pityophthorus schuarzi* Blackman, *Pityophthorus subopacus* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus zonalis* Bright, *Pityotrichus barbatus* (Blackman).

Pinus chiapensis

Gnathotrichus perniciosus Wood.

Pinus chihuahuana

Platypus pini Hopkins.

Pinus clausa

Carphoborus bicornis Wood.

Pinus contorta

Carphoborus declivis Wood, *Carphoborus intermedius* Wood, *Carphoborus ponderosae* Swaine, *Conophthorus ponderosae* Hopkins, *Crypturgus borealis* Swaine, *Dendroctonus murrayanae* Hopkins, *Dendroctonus ponderosae* Hopkins, *Dolurgus pumilus* (Mannerheim), *Gnathotrichus retusus* (LeConte), *Hylastes longicollis* Swaine, *Hylurgops porosus* (LeConte), *Hylurgops reticulatus* Wood, *Hylurgops rugipennis rugipennis* (Mannerheim), *Hylurgops rugipennis pinifex* Fitch, *Hylurgops subcostulatus subcostulatus* (Mannerheim), *Ips emarginatus* (LeConte), *Ips latidens* (LeConte), *Ips mexicanus* (Hopkins), *Ips pilifrons thatcheri* Wood, *Ips pini* (Say), *Ips plastographus maritimus* Lanier, *Phloeosinus antennatus* Swaine, *Pityogenes knechteli* Swaine, *Pityokeines ornatus* (Swaine), *Pityophthorus absomus* Blackman, *Pityophthorus aquilus* Blackman, *Pityophthorus boycei* Swaine, *Pityophthorus carinatus monticolae* Bright, *Pityophthorus carinulatus* Swaine, *Pityophthorus confertus* Swaine, *Pityophthorus confinis* LeConte, *Pityophthorus crassus* Blackman, *Pityophthorus digestus* (LeConte), *Pityophthorus fuscus* Black-

man, *Pityophthorus indigus* Wood, *Pityophthorus mornon* Bright, *Pityophthorus murrayanae* Blackman, *Pityophthorus nitidulus* (Mannerheim), *Pityophthorus occidentalis* Blackman, *Pityophthorus scalptor* Blackman, *Pityophthorus toralis* Wood, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman, *Pseudohylesinus pini* Wood, *Scierus annectens* LeConte, *Trypodendron rufitarsis* (Kirby), *Xyleborus intrusus* Blandford.

Pinus cooperi

Gnathotrichus nitidifrons Hopkins, *Ips mexicanus* (Hopkins), *Pityophthorus crassus* Blackman, *Pityophthorus rubidus* Wood, *Pityophthorus thomasi* Bright.

Pinus coulteri

Dendroctonus brevicornis LeConte, *Dendroctonus ponderosae* Hopkins, *Ips paraconfusus* Lanier, *Pityophthorus carmeli* Swaine, *Pityophthorus confinis* LeConte, *Pityophthorus electus* Blackman, *Pityophthorus scalptor* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman, *Xyleborus intrusus* Blandford.

Pinus culminicola

Pityophthorus crassus Blackman, *Pityophthorus culminicola* Bright, *Pityophthorus megas* Bright, *Pityophthorus ciminalis* Bright.

Pinus densiflora

Ambrosiodmus rubricollis (Eichhoff), *Cryphalus fulvus* Niiisma, *Cryphalus jeholensis* Murayama, *Cryphalus laticis* Niiisma, *Cryphalus piceae* (Ratzeburg), *Cryphalus oblongus* Niiisma, *Dryocoetes uniseriatus* Eggers, *Euwallacea validus* (Eichhoff), *Hylastes parallelus* Chapuis, *Hylastes plumbeus* Blandford, *Hylurgops interstitialis* (Chapuis), *Orthotomicus multidentatus* (Murayama), *Orthotomicus tosaensis* (Murayama), *Pityophthorus jucundus* Blandford, *Polygraphus kisoensis* Niiisma, *Xyleborus aquilus* Blandford, *Xyleborus atratus* Eichhoff, *Xyleborus festivus* Eichhoff, *Xyleborus septentrionalis* Niiisma.

Pinus discolor

Conophthorus edulis Hopkins.

Pinus douglasiana

Conophthorus ponderosae Hopkins.

Pinus durangensis

Conophthorus ponderosae Hopkins, *Dendroctonus rhizophagus* Thomas & Bright, *Hylastes gracilis* LeConte, *Hylurgops incomptus* (Blandford), *Ips mexicanus* (Hopkins), *Pityophthorus crassus* Blackman, *Pityophthorus festus* Wood.

Pinus echinata

Carphoborus bifurcus Eichhoff, *Conophthorus echinatae* Wood, *Crypturgus alutaceus* Schwarz, *Crypturgus borealis* Swaine, *Dendroctonus frontalis* Zimmermann, *Dendroctonus terebrans* (Olivier), *Gnathotrichus materiarius* (Fitch), *Pityogenes meridianus* Blackman, *Pityogenes plagiatus* (LeConte), *Pityophthorus confusus* Blandford, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus pullus* (Zimmermann), *Trypodendron scabricollis* (LeConte), *Xyleborus pubescens* Zimmermann.

Pinus edulis

Carphoborus convexifrons Wood, *Carphoborus pini-colens* Wood, *Conophthorus edulis* Hopkins, *Dendroctonus ponderosae* Hopkins, *Hylastes fulgidus* Blackman, *Hylastes gracilis* LeConte, *Ips confusus* (LeConte), *Ips latidens* (LeConte), *Pityokeines ornatus* (Swaine), *Pityophthorus annectens* LeConte, *Pityophthorus barberi* Blackman, *Pityophthorus blandus* Black-

man, *Pityophthorus brevis* Blackman, *Pityophthorus confertus* Swaine, *Pityophthorus crassus* Blackman, *Pityophthorus deletus* LeConte, *Pityophthorus keeni* (Blackman), *Pityophthorus lecontei* Bright, *Pityophthorus modicus* Blackman, *Pityophthorus punctifrons* Bright, *Pityophthorus schwarzi* Blackman, *Pityophthorus solus* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus woodi* Bright, *Pityotrichus barbatus* (Blackman).

Pinus eliottii

Ambrosiodmus catharinensis (Eggers), *Ambrosiodmus hagedornii* (Iglesias), *Carphoborus bifurcus* Eichhoff, *Dendroctonus terebrans* (Olivier), *Hylastes exilis* Chapuis, *Pityophthorus annectens* LeConte, *Pityophthorus anticus* Schedl, *Pityophthorus concentricus* Eichhoff, *Pityophthorus confusus* Blandford, *Pityophthorus pinivorus* Bright, *Theoborus villosulus* (Blandford), *Xyleborinus gracilis* (Eichhoff), *Xyleborinus linearicollis* (Schedl), *Xyleborinus schoenherri* (Schedl), *Xyleborus adelographus* Eichhoff.

Pinus engelmannii

Carphoborus pinicolens Wood, *Conophthorus apacheae* Hopkins, *Dendroctonus approximatus* Dietz, *Dendroctonus frontalis* Zimmermann, *Dendroctonus rhizophagus* Thomas & Bright, *Hylurgops incomptus* (Blandford), *Pityophthorus annectens* LeConte, *Pityophthorus crassus* Blackman, *Pityophthorus cristatus* Wood, *Pityophthorus intentus* Bright, *Pityophthorus rubidus* Wood, *Pityophthorus schneiderfegeri* (Schedl), *Pityophthorus segnis* Blackman.

Pinus excelsa

Crossotarsus fairmairei Chapuis, *Cryphalus major* Stebbing, *Cryphalus strohmeieri* Stebbing, *Dryocoetes indicus* Stebbing, *Hylastes brunneus* Erichson, *Ips stebbingi* Strohmeier, *Pityogenes scitus* Blandford, *Pityogenes spessietzei* Lebedev, *Pityophthorus deodara* (Stebbing), *Polygraphus pini* Stebbing, *Scolytus major* Stebbing.

Pinus flexilis

Carphoborus pinicolens Wood, *Conophthorus ponderosae* Hopkins, *Dendroctonus ponderosae* Hopkins, *Gnathotrichus retusus* (LeConte), *Hylurgops porosus* (LeConte), *Hylurgops rugipennis pinifex* Fitch, *Ips latidens* (LeConte), *Ips woodi* Thatcher, *Pityogenes fossifrons* (LeConte), *Pityophthorus absonus* Blackman, *Pityophthorus acutus* Blackman, *Pityophthorus amplus* (Blackman), *Pityophthorus aquilus* Blackman, *Pityophthorus boycei* Swaine, *Pityophthorus confertus* Swaine, *Pityophthorus crassus* Blackman, *Pityophthorus deletus* LeConte, *Pityophthorus grandis* Blackman, *Pityophthorus mormon* Bright, *Pityophthorus murrayanae* Blackman, *Pityophthorus occidentalis* Blackman, *Pityophthorus pinguis* (Blackman), *Pityophthorus toralis* Wood, *Pityophthorus tuberculatus* Eichhoff, *Pityotrichus hesperius* Bright.

Pinus gerardiana

Carphoborus zhobi (Stebbing), *Ips stebbingi* Strohmeier, *Pityogenes scitus* Blandford, *Pityogenes spessietzei* Lebedev, *Pityophthorus chilgoza* Wood, *Polygraphus major* Stebbing, *Polygraphus trenchi* Stebbing.

Pinus glabra

Dendroctonus frontalis Zimmermann.

Pinus greggii

Carphoborus costatus Wichmann, *Pityophthorus crassus* Blackman, *Pityophthorus pellitus* Schedl, *Pityophthorus schwarzi* Blackman, *Pityophthorus solus* Blackman.

Pinus griffithii

Carphoborus costatus Wichmann, *Polygraphus aterinus* Strohmeier, *Polygraphus major* Stebbing, *Polygraphus setosus* Schedl, *Polygraphus squameus* Yin & Huang, *Polygraphus zhongdianensis* Tsai & Yin, *Trypodendron dorjitenzingi* Schmutzenhofer.

Pinus halepensis

Carphoborus bonnairei Brisout, *Carphoborus marani* Pfeffer, *Carphoborus pini* Eichhoff, *Crypturgus mediterraneus* Eichhoff, *Crypturgus numidicus* Ferrari, *Hylastes linearis* Erichson, *Hylurgus micklitzii* Wachtl, *Ips erosus* (Wollaston), *Orthotomicus proximus* (Eichhoff), *Pityogenes calcaratus* (Eichhoff), *Pityogenes porifrons* Eggers, *Pityophthorus pubescens* (Marsham).

Pinus hartwegii

Dendroctonus adjunctus Blandford, *Dendroctonus approximatus* Dietz, *Ips mexicanus* (Hopkins), *Pityogenes mexicanus* Wood, *Pityophthorus blandulus* Schedl, *Pityophthorus cortezi* Bright, *Pityophthorus crassus* Blackman, *Pityophthorus furvissii* Bright, *Pityophthorus pubifrons* Bright, *Pityophthorus solus* Blackman, *Pseudotsyanos pini* Wood.

Pinus heldreichii

Pityophthorus balcanicus Pfeffer, *Pityophthorus henscheli* Seitner, *Pityophthorus pityographus* (Ratzeburg).

Pinus hondurensis

Xyleborus affinis Eichhoff.

Pinus insularis

Ambrosiodmus camphorae (Hagedorn), *Ambrosiodmus innominatus* (Schedl), *Ambrosiodmus triton* (Schaufuss), *Coccotrypes recticollis* (Schedl), *Cryphalus malloti* Schedl, *Cryphalus sylvicola* (Perkins), *Cyrtogenius luteus* (Blandford), *Diapus malgassicus* Schedl, *Hylastes techangensis* Tsai & Huang, *Mitosoma excisum* Schaufuss, *Mitosoma onconiceps* Schedl, *Mitosoma obliquatum* Schedl, *Platypus piniperda* Schedl, *Platypus tenellus* Schedl, *Polygraphus junnanicus* Sokanovskii, *Polygraphus szemaensis* Tsai & Yin, *Scolytoplatypus pusillus* Eggers, *Tomicus brevipilosus* (Eggers), *Xyleborinus spinifer* (Eggers), *Xyleborus antaisaka* Schedl, *Xyleborus madagascariensis* Schaufuss, *Xyleborus pinicola* Eggers, *Xyleborus sakalava* Schedl, *Xyleborus submolestus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

Pinus jeffreyi

Cactopinus pini Blackman, *Carphoborus simplex* LeConte, *Conophthorus ponderosae* Hopkins, *Dendroctonus jeffreyi* Hopkins, *Dendroctonus ponderosae* Hopkins, *Gnathotrichus retusus* (LeConte), *Hylurgops porosus* (LeConte), *Hylurgops reticulatus* Wood, *Hylurgops subcostuatus subcostulatus* (Mannerheim), *Ips emarginatus* (LeConte), *Ips latidens* (LeConte), *Ips paraconfusus* Lanier, *Ips pilifrons thatcheri* Wood, *Ips pini* (Say), *Pityogenes carinulatus* (LeConte), *Pityokteines ornatus* (Swaine), *Pityophthorus confertus* Swaine, *Pityophthorus confinis* LeConte, *Pityophthorus digestus* (LeConte), *Pityophthorus electus* Blackman, *Pityophthorus jeffreyi* Blackman, *Pityophthorus scalptor* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman, *Trypodendron rufitarsis* (Kirby), *Xyleborus ferrugineus* (Fabricius), *Xyleborus intrusus* Blandford.

Pinus koraiensis

Cryphalus fulvus Niisima, *Cryphalus laricis* Niisima, *Cryphalus piceus* Eggers, *Dryocoetes baikalicus* Reitter, *Dryocoetes infuscatus* Murayama, *Hylastes brunneus* Erichson, *Hylastes cunicularius* Erichson, *Hylastes*

plumbeus Blandford, *Hylurgops interstitialis* (Chapuis), *Hylurgops longipilus* (Reitter), *Hylurgops spessittsevi* Eggers, *Hylurgops transbaicalicus* Eggers, *Pityogenes forcolatus* Eggers, *Pityogenes irkutensis* Eggers, *Pityophthorus lapponicus* Stark, *Pityophthorus pini* Kurenzov, *Polygraphus sachalinensis* Eggers, *Scolytus moravici* Semenov, *Tomicus brevipilosus* (Eggers), *Tomicus pilifer* (Spessittsev), *Tomicus puellus* (Reitter), *Xyleborinus saxescens* (Ratzeburg).

Pinus lambertiana

Cactopinus koebelei Blackman, *Carphoborus pinicolens* Wood, *Conophthorus ponderosae* Hopkins, *Cryphalus pubescens* Hopkins, *Dendroctonus ponderosae* Hopkins, *Gnathotrichus retusus* (LeConte), *Hylurgops rugipennis rugipennis* (Mannerheim), *Ips latidens* (LeConte), *Ips paraconfusus* Lanier, *Pityophthorus confinis* LeConte, *Pityophthorus dolus* Wood, *Pityophthorus pseudotsugae* Swaine.

Pinus lawsonii

Dendroctonus mexicanus Hopkins, *Pityophthorus annectens* LeConte, *Pityophthorus cuspidatus* Blackman, *Pityophthorus durus* Blackman, *Pityophthorus lepidus* Bright, *Pityophthorus miniatus* Bright, *Pityophthorus nocturnus* Schedl, *Pityophthorus obtusipennis* Blandford, *Pityophthorus pellitus* Schedl, *Pityophthorus solatus* Wood, *Pityophthorus solus* Blackman.

Pinus leiophylla

Carphoborus convexifrons Wood, *Carphoborus pinicolens* Wood, *Conophthorus conicolens* Wood, *Conophthorus ponderosae* Hopkins, *Dendroctonus adjunctus* Blandford, *Dendroctonus approximatus* Dietz, *Dendroctonus mexicanus* Hopkins, *Dendroctonus parallelocollis* Chapuis, *Gnathotrichus deleani* Blackman, *Gnathotrichus nitidifrons* Hopkins, *Gnathotrichus perniciosus* Wood, *Gnathotrichus sulcatus* (LeConte), *Hylurgops incomptus* (Blandford), *Hylurgops planirostris* (Chapuis), *Hylurgops subcostulatus alternans* (Chapuis), *Ips mexicanus* (Hopkins), *Pityoborus secundus* Blackman, *Pityophthorus aciculatus* Bright, *Pityophthorus acutus* Blackman, *Pityophthorus annectens* LeConte, *Pityophthorus barberi* Blackman, *Pityophthorus clarus* Blackman, *Pityophthorus crassus* Blackman, *Pityophthorus cristatus* Wood, *Pityophthorus delicatus* Wood, *Pityophthorus durus* Blackman, *Pityophthorus festus* Wood, *Pityophthorus grandis* Blackman, *Pityophthorus intentus* Bright, *Pityophthorus leiophyllae* Blackman, *Pityophthorus obtusipennis* Blandford, *Pityophthorus perotei* Blackman, *Pityophthorus rubidus* Wood, *Pityophthorus schwarzi* Blackman, *Pityophthorus solus* Blackman, *Pityophthorus spadix* Blackman, *Pityophthorus subopacus* Blackman, *Pityophthorus venustus* Blackman, *Platypus pini* Hopkins, *Xyleborus intrusus* Blandford.

Pinus leucodermis

Crypturgus numidicus Ferrari, *Ips robustus* (Knotek), *Pityogenes bistridentatus* (Eichhoff).

Pinus luchuensis

Orthotomicus kunijoshii Nobuchi, *Xyleborus atratus* Eichhoff.

Pinus lumholtzii

Carphoborus mexicanus Bright, *Pityophthorus crassus* Blackman, *Pityophthorus cristatus* Wood, *Pityophthorus cuspidatus* Blackman, *Pityophthorus rubidus* Wood, *Pityophthorus schwarzi* Blackman.

Pinus massoniana

Cryphalus massonianus Tsai & Li, *Cyrtogenius luteus*

(Blandford), *Eucallacca interjectus* (Blandford), *Eucallacca validus* (Eichhoff), *Hylurgops longipilus* (Reitter), *Hylurgops major* Eggers, *Xyleborus aquilus* Blandford, *Xyleborus pinicola* Eggers.

Pinus maximowiczii

Cryphalus furukawai Murayama, *Xyleborus muticus* Blandford.

Pinus merkusii

Platypus biflexuosus Schedl, *Platypus cavus* Strohmeier, *Polygraphus sunatrans* Schedl, *Xyleborus pfeili* (Ratzeburg).

Pinus mexicana

Xyleborus intrusus Blandford.

Pinus michoacana

Conophthorus michoacanae Wood, *Pityophthorus confusus* Blandford, *Pityophthorus durus* Blackman, *Pityophthorus pellitus* Schedl, *Pityophthorus subopacus* Blackman.

Pinus monophylla

Cactopinus koebelei Blackman, *Cactopinus pini* Blackman, *Carphoborus frontalis* Wood, *Carphoborus pinicolens* Wood, *Conophthorus monophyllae* Hopkins, *Dendroctonus ponderosae* Hopkins, *Hylastes gracilis* LeConte, *Ips confusus* (LeConte), *Pityophthorus arcanus* Bright, *Pityophthorus blandus* Blackman, *Pityophthorus confinis* LeConte, *Pityophthorus deletus* LeConte, *Pityophthorus grandis* Blackman, *Pityophthorus keeni* (Blackman), *Pityophthorus modicus* Blackman, *Pityophthorus punctifrons* Bright, *Pityophthorus tuberculatus* Eichhoff.

Pinus montana

Cryphalus piceus Eggers, *Hylurgops glabratus* (Zetterstedt), *Pityogenes conjunctus* Reitter.

Pinus montezumae

Conophthorus ponderosae Hopkins, *Dendroctonus adjunctus* Blandford, *Dendroctonus approximatus* Dietz, *Dendroctonus mexicanus* Hopkins, *Dendroctonus parallelocollis* Chapuis, *Gnathotrichus deleani* Blackman, *Gnathotrichus nitidifrons* Hopkins, *Gnathotrichus perniciosus* Wood, *Gnathotrichus sulcatus* (LeConte), *Hylastes gracilis* LeConte, *Hylastes retifer* Wood, *Ips bonansea* (Hopkins), *Ips mexicanus* (Hopkins), *Pityophthorus arceuthobii* Wood, *Pityophthorus crassus* Blackman, *Pityophthorus dispar* Bright, *Pityophthorus micans* Bright, *Pityophthorus montezumae* Bright, *Pityophthorus pellitus* Schedl, *Pityophthorus scabridus* Schedl, *Pityophthorus schwarzi* Blackman, *Pityophthorus solus* Blackman, *Pityophthorus subopacus* Blackman, *Pseudothysanoes pini* Wood.

Pinus monticola

Conophthorus ponderosae Hopkins, *Dendroctonus ponderosae* Hopkins, *Hylastes longicollis* Swaine, *Hylurgops reticulatus* Wood, *Hylurgops rugipennis rugipennis* (Mannerheim), *Ips emarginatus* (LeConte), *Ips latidens* (LeConte), *Ips montanus* (Eichhoff), *Pityogenes fossifrons* (LeConte), *Pityophthorus absonus* Blackman, *Pityophthorus boycei* Swaine, *Pityophthorus confertus* Swaine, *Pityophthorus venustus* Blackman, *Pityophthorus toralis* Wood, *Scolytus monticolae* (Swaine), *Trypodendron rufitarsis* (Kirby).

Pinus mugo

Hylurgops glabratus (Zetterstedt), *Pityophthorus glabratus* Eichhoff, *Pityophthorus henscheli* Seitter, *Pityophthorus knoteki* Reitter, *Pityophthorus pubescens* (Marsham).

Pinus mugo rotundata

Pityophthorus glabratus Eichhoff.

Pinus muricata

Dolurgus pumilus (Mannerheim), *Hylurgops reticulatus* Wood, *Hylurgops rugipennis rugipennis* (Mannerheim), *Ips mexicanus* (Hopkins), *Ips plagiographus maritimus* Lanier, *Pityophthorus carmeli* Swaine, *Pityophthorus nitidulus* (Mannerheim), *Pityophthorus setosus* Blackman, *Pseudohylesinus pini* Wood.

Pinus niger

Pityogenes trepanatus (Nordlinger).

Pinus nigra

Cryphalus jcholensis Murayama, *Orthotomicus pini-tora* Schedl, *Pityogenes bistridentatus* (Eichhoff), *Pityogenes conjunctus* Reitter, *Pityophthorus balcanicus* Pfeffer, *Pityophthorus buyssoni* Reitter, *Pityophthorus carniolicus* Wichmann, *Pityophthorus glabratus* Eichhoff, *Pityophthorus lichtensteini* (Ratzeburg), *Pityophthorus pubescens* (Marshall).

Pinus nigra mauretanicus

Pityophthorus mauretanicus Peyerimhoff.

Pinus nigricans

Ips mannsfeldi (Wachtl).

Pinus obovata

Carphoborus rossicus Semenov.

Pinus occidentalis

Ambrosiodmus lecontei Hopkins, *Hypothenemus cruditus* Westwood, *Pityophthorus antillicus* Bright, *Pityophthorus pinavorus* Bright.

Pinus ochoterenai

Ambrosiodmus funebris (Schedl), *Pityophthorus attenuatus* Blackman, *Pityophthorus blandulus* Schedl, *Pityophthorus confusus* Blandford, *Pityophthorus dispar* Bright, *Pityophthorus glabratus* (Schedl), *Platypus pini* Hopkins.

Pinus oocarpa

Araptus sobrinus Wood, *Dendroctonus frontalis* Zimmermann, *Dendroctonus mexicanus* Hopkins, *Dendroctonus parallelocollis* Chapuis, *Gnathotrichus perniciosus* Wood, *Pityoborus frontalis* Wood, *Pityoborus hondurensis* Wood, *Pityoborus secundus* Blackman, *Pityophthorus blandulus* Schedl, *Pityophthorus cacuminatus* Blandford, *Pityophthorus confusus* Blandford, *Pityophthorus crassus* Blackman, *Pityophthorus delicatus* Wood, *Pityophthorus festus* Wood, *Pityophthorus euterpes* Bright, *Pityophthorus miniatus* Bright, *Pityophthorus nocturnus* Schedl, *Pityophthorus ocellus* Bright, *Pityophthorus pellitus* Schedl, *Pityophthorus scabridus* Schedl, *Pityophthorus schwerdtfegeri* (Schedl), *Pityophthorus solus* Blackman, *Xyleborus affinis* Eichhoff, *Xyleborus toleulus* (Fabricius).

Pinus palustris

Crypturgus alutaceus Schwarz, *Dendroctonus frontalis* Zimmermann, *Dendroctonus terebrans* (Olivier), *Hylastes exilis* Chapuis, *Pityophthorus annexens* LeConte, *Pityophthorus confusus* Blandford, *Pityophthorus pulchellus* Eichhoff, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus pullus* (Zimmermann), *Xyleborus ferrugineus* (Fabricius), *Xyleborus pubescens* Zimmermann.

Pinus parviflora

Euwallacea validus (Eichhoff), *Hylurgops interstitialis* (Chapuis), *Tomicus brevipilosus* (Eggers).

Pinus patula

Hylurgops longipennis (Blandford), *Hylurgops planirostris* (Chapuis), *Mitosoma excisum* Schauffuss, *Pityophthorus ciliatus* Blackman, *Pityophthorus crassus*

Blackman, *Pityophthorus montivagus* Bright, *Pityophthorus scabridus* Schedl, *Xyleborus spinulosus* Blandford.

Pinus peuce

Pityophthorus knotei Reitter, *Pityophthorus lichtensteini* (Ratzeburg), *Pityophthorus pityographus* (Ratzeburg).

Pinus pinaster

Carphoborus bonnairei Brisout, *Crypturgus mediterraneus* Eichhoff, *Crypturgus numidicus* Ferrari, *Hylastes angustatus* (Herbst), *Hylastes linearis* Erichson, *Ips erosus* (Wollaston), *Pityogenes calcaratus* (Eichhoff), *Pityogenes porifrons* Eggers, *Pityophthorus pubescens* (Marshall).

Pinus pinea

Pityogenes pennidens (Reitter), *Pityophthorus pubescens* (Marshall).

Pinus pithyusa

Crypturgus numidicus Ferrari.

Pinus ponderosa

Carphoborus costatus Wichmann, *Carphoborus perplexus* Wood, *Carphoborus pinicolens* Wood, *Carphoborus ponderosae* Swaine, *Carphoborus simplex* LeConte, *Conophthorus ponderosae* Hopkins, *Crypturgus borealis* Swaine, *Dendroctonus adjunctus* Blandford, *Dendroctonus approximatus* Dietz, *Dendroctonus brevicornis* LeConte, *Dendroctonus frontalis* Zimmermann, *Dendroctonus jeffreyi* Hopkins, *Dendroctonus mexicanus* Hopkins, *Dendroctonus ponderosae* Hopkins, *Gnathotrichus denticulatus* Blackman, *Gnathotrichus initalis* Wood, *Gnathotrichus materiarius* (Fitch), *Gnathotrichus retusus* (LeConte), *Gnathotrichus sulcatus* (LeConte), *Hylastes fulgidus* Blackman, *Hylastes gracilis* LeConte, *Hylastes longicollis* Swaine, *Hylastes macer* LeConte, *Hylastes nigrinus* (Mannerheim), *Hylurgops porosus* (LeConte), *Hylurgops reticulatus* Wood, *Hylurgops subcostulatus subcostulatus* (Mannerheim), *Hylurgops subcostulatus alternans* (Chapuis), *Ips bonansea* (Hopkins), *Ips emarginatus* (LeConte), *Ips knausi* Swaine, *Ips latidens* (LeConte), *Ips lecontei* Swaine, *Ips parconfusus* Lanier, *Ips pilifrons thatcheri* Wood, *Ips pini* (Say), *Pityoborus secundus* Blackman, *Pityogenes carinulatus* (LeConte), *Pityokteines ornatus* (Swaine), *Pityophthorus acutus* Blackman, *Pityophthorus amplus* (Blackman), *Pityophthorus annexens* LeConte, *Pityophthorus aquilus* Blackman, *Pityophthorus arcanus* Bright, *Pityophthorus barberi* Blackman, *Pityophthorus blandus* Blackman, *Pityophthorus boycei* Swaine, *Pityophthorus brevis* Blackman, *Pityophthorus clarus* Blackman, *Pityophthorus comosus* Blackman, *Pityophthorus confertus* Swaine, *Pityophthorus confinis* LeConte, *Pityophthorus crassus* Blackman, *Pityophthorus cuspidatus* Blackman, *Pityophthorus deletus* LeConte, *Pityophthorus digestus* (LeConte), *Pityophthorus dolus* Wood, *Pityophthorus electus* Blackman, *Pityophthorus grandis* Blackman, *Pityophthorus immanis* Blackman, *Pityophthorus infulatus* Blackman, *Pityophthorus ingens* Blackman, *Pityophthorus intentus* Bright, *Pityophthorus jeffreyi* Blackman, *Pityophthorus lecontei* Bright, *Pityophthorus leechi* Wood, *Pityophthorus levis* Wood, *Pityophthorus murrayanae* Blackman, *Pityophthorus rubidus* Wood, *Pityophthorus scalptor* Blackman, *Pityophthorus scalptus* Bright, *Pityophthorus schwarzi* Blackman, *Pityophthorus schwerdtfegeri* (Schedl), *Pityophthorus serratus* Swaine, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman, *Pityophthorus zonalis* Bright, *Pityotrichus barbatus* (Blackman), *Platypus*

pini Hopkins, *Trypodendron rufitarsis* (Kirby), *Xyleborus intrusus* Blandford.

Pinus pringlei

Pityophthorus durus Blackman, *Pityophthorus glabratus* (Schedl).

Pinus pseudostrobus

Corthylus mexicanus Schedl, *Dendroctonus adjunctus* Blandford, *Dendroctonus mexicanus* Hopkins, *Dendroctonus vitei* Wood, *Gnathotrichus perniciosus* Wood, *Gnathotrichus sulcatus* (LeConte), *Hylurgops incomptus* (Blandford), *Hylurgops planirostris* (Chapuis), *Ips bonanseai* (Hopkins), *Ips lecontei* Swaine, *Ips mexicanus* (Hopkins), *Pityoborus hirtellus* Wood, *Pityoborus secundus* Blackman, *Pityophthorus aciculatus* Bright, *Pityophthorus delicatus* Wood, *Pityophthorus diglyphus* Blandford, *Pityophthorus glabratus* (Schedl), *Pityophthorus miniatus* Bright, *Pityophthorus nocturnus* Schedl, *Pityophthorus pellitus* Schedl, *Pityophthorus scabridus* Schedl, *Pityophthorus schuerdtfegeri* (Schedl), *Pityophthorus spadix* Blackman, *Platypus pini* Hopkins.

Pinus pumila

Crypturgus tuberosus Niisima, *Hylurgops spessictsevi* Eggers, *Pityogenes foveolatus* Eggers, *Pityogenes japonicus* Nobuchi, *Polygraphus kisoensis* Niisima, *Polygraphus meakanensis* Niisima.

Pinus quadrifolia

Pityophthorus punctifrons Bright.

Pinus radiata

Carphoborus radiatae Swaine, *Conophthorus radiatae* Hopkins, *Dolurgus pumilus* (Mannerheim), *Gnathotrichus retusus* (LeConte), *Hylurgops porosus* (LeConte), *Hylurgops reticulatus* Wood, *Hylurgops rugipennis* *rugipennis* (Mannerheim), *Ips mexicanus* (Hopkins), *Ips plastographus maritimus* Lanier, *Pityophthorus californicus* Bright, *Pityophthorus carmeli* Swaine, *Pityophthorus murrayanae* Blackman, *Pityophthorus nitidulus* (Mannerheim), *Pityophthorus pubescens* (Marshall), *Pityophthorus setosus* Blackman, *Pityophthorus trepidus* Bright.

Pinus resinosa

Conophthorus resinosa Hopkins, *Hylurgops rugipennis* *pinifex* Fitch, *Ips perroti* Swaine, *Pityogenes plagiatus* (LeConte), *Pityophthorus annectens* LeConte, *Pityophthorus balsameus* Blackman, *Pityophthorus cariniceps* LeConte, *Pityophthorus cavatus* Bright, *Pityophthorus concavus* Blackman, *Pityophthorus consimilis* LeConte, *Pityophthorus intextus* Swaine, *Pityophthorus nitidus* Swaine, *Pityophthorus puberulus* (LeConte), *Pityophthorus pulchellus* Eichhoff, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus ramiperda* Swaine, *Trypodendron scabricollis* (LeConte).

Pinus rigida

Cryphalus fulvus Niisima, *Dendroctonus frontalis* Zimmermann, *Dendroctonus terebrans* (Olivier), *Pityophthorus consimilis* LeConte, *Pityophthorus pulchellus* Eichhoff, *Pityophthorus pulicarius* (Zimmermann), *Xyleborinus saxeseni* (Ratzeburg).

Pinus roxburghii

Carphoborus costatus Wichmann, *Coccotrypes nubilus* (Blandford), *Crossotarsus wilmoti* (Stebbing), *Cryphalus major* Stebbing, *Hylurgus indicus* Wood, *Ips longifolia* (Stebbing), *Liparthrum longifolia* (Stebbing), *Pityogenes scitus* Blandford, *Pityogenes spessictsevi* Lebedev, *Pityophthorus deodara* (Stebbing), *Platypus bififormis* Chapuis, *Polygraphus aterrimus* Strohmeier, *Polygraphus difficilis* Wood, *Polygraphus longifolia*

Stebbing, *Polygraphus setosus* Schedl, *Platypus bififormis* Chapuis.

Pinus rudis

Dendroctonus adjunctus Blandford, *Dendroctonus approximatus* Dietz, *Dendroctonus mexicanus* Hopkins, *Pityophthorus blandulus* Schedl, *Pityophthorus glabratus* (Schedl), *Pityophthorus nigricans* Blandford, *Pityophthorus pellitus* Schedl, *Pityophthorus scabridus* Schedl, *Platypus pini* Hopkins, *Xyleborus intrusus* Blandford.

Pinus sabiniana

Carphoborus simplex LeConte, *Ips spinifer* (Eichhoff), *Pityophthorus confinis* LeConte, *Pityophthorus modicus* Blackman, *Pityophthorus novellus* Blackman, *Pityophthorus tuberculatus* Eichhoff.

Pinus serotina

Dendroctonus terebrans (Olivier).

Pinus siberica

Pityophthorus lapponicus Stark.

***Pinus* spp.**

Ambrosiodmus apicalis (Blandford), *Ambrosiodmus fraterculus* (Schaufuss), *Ambrosiodmus rusticus* (Wood), *Carphoborus bifurcus* Eichhoff, *Carphoborus minimus* (Fabricius), *Carphoborus pinicolens* Wood, *Coccotrypes cinnamomi* (Eggers), *Coccotrypes medius* (Eggers), *Conophthorus coniperda* (Schwarz), *Conophthorus mexicanus* Wood, *Conophthorus resinosae* Hopkins, *Crypturgus cinereus* (Herbst), *Crypturgus hispidulus* Thomson, *Crypturgus pusillus* (Gyllenhal), *Dendroctonus brevicornis* LeConte, *Dendroctonus micans* (Kugelann), *Dendroctonus parallelocollis* Chapuis, *Dendroctonus valens* LeConte, *Dryocoetes affaber* (Mannerheim), *Dryocoetes autographus* (Ratzeburg), *Dryocoetes hectographus* Reitter, *Dryocoetes pini* Niisima, *Dryocoetes rugicollis* Eggers, *Gnathotrichus deleoni* Blackman, *Gnathotrichus denticulatus* Blackman, *Gnathotrichus imitans* Wood, *Gnathotrichus perniciosus* Wood, *Gnathotrichus sulcatus* (LeConte), *Hylastes asperatus* Wood, *Hylastes ater* (Paykull), *Hylastes attenuatus* Erichson, *Hylastes exilis* Chapuis, *Hylastes flohri* (Eggers), *Hylastes fulgidus* Blackman, *Hylastes gracilis* LeConte, *Hylastes linearis* Erichson, *Hylastes macer* LeConte, *Hylastes mexicanus* Wood, *Hylastes niger* Wood, *Hylastes nigritus* (Mannerheim), *Hylastes opacus* Erichson, *Hylastes parallelus* Chapuis, *Hylastes porculus* Erichson, *Hylastes salebrosus* Eichhoff, *Hylastes tenuis* Eichhoff, *Hylocurus beckeri* Heqvist, *Hylocurus rivalis* Wood, *Hylurgops glabratus* (Zetterstedt), *Hylurgops imitator* (Reitter), *Hylurgops incomptus* (Blandford), *Hylurgops interstitialis* (Chapuis), *Hylurgops longipennis* (Blandford), *Hylurgops palliatus* (Gyllenhal), *Hylurgops planirostris* (Chapuis), *Hylurgops porosus* (LeConte), *Hylurgops subcostuatus* *subcostulatus* (Mannerheim), *Hylurgops subcostulatus* *alternans* (Chapuis), *Hylurgops ligniperda* (Fabricius), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Ips acuminatus* (Gyllenhal), *Ips amitinus* (Eichhoff), *Ips avulsus* (Eichhoff), *Ips bonanseai* (Hopkins), *Ips calligraphus* (Germer), *Ips cembrae* (Heer), *Ips confusus* (LeConte), *Ips emarginatus* (LeConte), *Ips grandicollis* (Eichhoff), *Ips integer* (Eichhoff), *Ips sexdentatus* (Boerner), *Ips typographus* (Linnaeus), *Monarthrum fasciatum* (Say), *Orthotomicus caelatus* (Eichhoff), *Orthotomicus laticis* (Fabricius), *Orthotomicus longicollis* (Gyllenhal), *Orthotomicus proximus* (Eichhoff), *Orthotomicus suturalis* (Gyllenhal), *Pityoborus comatus* (Zimmermann), *Pityoborus fron-*

talis Wood, *Pityoborus hirtellus* Wood, *Pityoborus rubentis* Wood, *Pityoborus secundus* Blackman, *Pityoborus velutinus* Wood, *Pityogenes bidentatus* (Herbst), *Pityogenes carinulatus* (LeConte), *Pityogenes chalcographus* (Linnaeus), *Pityogenes irkutensis* Eggers, *Pityogenes quadridens* (Hartig), *Pityokteinus curtidens* (Germar), *Pityophthorus abstrusus* Bright, *Pityophthorus annexens* LeConte, *Pityophthorus aztecus* Bright, *Pityophthorus cacuminatus* Blandford, *Pityophthorus chalcocensis* Hopkins, *Pityophthorus ciliatus* Blackman, *Pityophthorus consimilis* LeConte, *Pityophthorus cristatus* Wood, *Pityophthorus decliviscosus* Bright, *Pityophthorus delconii* (Blackman), *Pityophthorus delicatus* Wood, *Pityophthorus discretus* Wood, *Pityophthorus durus* Blackman, *Pityophthorus excelsus* (Ratzeburg), *Pityophthorus festus* Wood, *Pityophthorus impexus* Bright, *Pityophthorus ineditus* Bright, *Pityophthorus ingens* Blackman, *Pityophthorus jeffreyi* Blackman, *Pityophthorus lateceps* Bright, *Pityophthorus leiophyllae* Blackman, *Pityophthorus lepidus* Bright, *Pityophthorus litos* Bright, *Pityophthorus minus* Bright, *Pityophthorus nitidus* Swaine, *Pityophthorus obtusipennis* Blandford, *Pityophthorus ornatus* Blackman, *Pityophthorus pellitus* Schedl, *Pityophthorus pullus* (Zimmermann), *Pityophthorus rudis* Blackman, *Pityophthorus sapineus* Bright, *Pityophthorus separatus* Bright, *Pityophthorus solatus* Wood, *Pityophthorus solers* Blackman, *Pityophthorus solus* Blackman, *Pityophthorus spadix* Blackman, *Pityophthorus subopacus* Blackman, *Pityophthorus subsimilis* Schedl, *Pityophthorus vespertinus* Bright, *Platypus flavicornis* (Fabricius), *Platypus madagascariensis* Chapuis, *Platypus pini* Hopkins, *Platypus xylographus* Schedl, *Polygraphus horjurensis* Murayama, *Polygraphus polygraphus* (Linnaeus), *Polygraphus proximus* Blandford, *Polygraphus subopacus* Thomson, *Polygraphus szemaoensis* Tsai & Yin, *Polygraphus verrucifrons* Tsai & Yin, *Scolytoplatypus tycon* Blandford, *Tomicus destruens* (Wollaston), *Tomicus minor* (Hartig), *Tomicus piniperda* (Linnaeus), *Trischidium atonum* (Hopkins), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus atratus* Eichhoff, *Xyleborus dispar* (Fabricius), *Xyleborus eurygraphus* (Ratzeburg), *Xyleborus pinicorus* Browne, *Xyleborus pubescens* Zimmermann, *Xyleborus seriatus* Blandford, *Xylosandrus germanus* (Blandford), *Xyloterinus politus* (Say).

Pinus strobiformis

Conophthorus ponderosae Hopkins, *Dendroctonus ponderosae* Hopkins, *Dendroctonus terebrans* (Olivier), *Gnathotrichus denticulatus* Blackman, *Ips woodi* Thatcher, *Pityogenes fossifrons* (LeConte), *Pityophthorus acutus* Blackman, *Pityophthorus amplus* (Blackman), *Pityophthorus brevicornatus* Bright, *Pityophthorus brevis* Blackman, *Pityophthorus clivus* Bright, *Pityophthorus confertus* Swaine, *Pityophthorus confinis* LeConte, *Pityophthorus crassus* Blackman, *Pityophthorus cuspidatus* Blackman, *Pityophthorus deletus* LeConte, *Pityophthorus durus* Blackman, *Pityophthorus immanis* Blackman, *Pityophthorus infundatus* Blackman, *Pityophthorus intentus* Bright, *Pityophthorus nigricans* Blandford, *Pityophthorus pinguis* (Blackman), *Pityophthorus segnis* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman, *Pityotrichus hesperius* Bright.

Pinus strobus

Conophthorus coniperda (Schwarz), *Dendroctonus frontalis* Zimmermann, *Dendroctonus murrayanae*

Hopkins, *Dendroctonus terebrans* (Olivier), *Gnathotrichus materiarius* (Fitch), *Hylurgops inouyei* Nobuchi, *Hylurgops rugipennis* pinifex Fitch, *Ips latidens* (LeConte), *Ips pilifrons thatcheri* Wood, *Ips pini* (Say), *Pityogenes hopkinsi* Swaine, *Pityophthorus angustus* Blackman, *Pityophthorus balsameus* Blackman, *Pityophthorus bioralis* Blackman, *Pityophthorus briscoei* Blackman, *Pityophthorus carinatus carinatus* Bright, *Pityophthorus carinceps* LeConte, *Pityophthorus consimilis* LeConte, *Pityophthorus dentifrons* Blackman, *Pityophthorus lautus* Eichhoff, *Pityophthorus nitidus* Swaine, *Pityophthorus puberulus* (LeConte), *Pityophthorus pulchellus* Eichhoff, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus pullus* (Zimmermann), *Pityophthorus ramipeda* Swaine, *Polygraphus rufipennis* (Kirby).

Pinus strobus chiapensis

Pityophthorus nocturnus Schedl, *Pityophthorus obtusipennis* Blandford, *Pityophthorus subsimilis* Schedl.

Pinus sylvestris

Carphoborus cholodkovskii Spessivtsev, *Carphoborus jurinskii* Eggers, *Cryphalus laricis* Niisima, *Hylastes angustatus* (Herbst), *Hylastes brunneus* Erichson, *Hylastes cunicularius* Erichson, *Hylurgops glabratus* (Zetterstedt), *Hylurgops inouyei* Nobuchi, *Ips duplicatus* (Sahlberg), *Ips mamsfeldi* (Wachtl), *Ips robustus* (Knotek), *Pityogenes calcaratus* (Eichhoff), *Pityogenes conjunctus* Reitter, *Pityogenes irkutensis* Eggers, *Pityogenes trepanatus* (Nordlinger), *Pityophthorus buyssoni* Reitter, *Pityophthorus carniolicus* Wichmann, *Pityophthorus glabratus* Eichhoff, *Pityophthorus lichtensteini* (Ratzeburg), *Pityophthorus opaculus* LeConte, *Pityophthorus puberulus* (LeConte), *Pityophthorus pubescens* (Marsham), *Pityophthorus pulicarius* (Zimmermann), *Polygraphus seriatus* Reitter, *Xyleborus khinganensis* Murayama.

Pinus tabulaeformis

Cryphalus jeholensis Murayama, *Cryphalus pseudochinlingensis* Tsai & Li, *Cryphalus pseudotabulaeformis* Tsai & Li, *Cryphalus tabulaeformis* Tsai & Li, *Hylastes techangensis* Tsai & Huang, *Hylurgops junnanicus* Sokanovskii, *Hylurgops longipilus* (Reitter), *Hylurgops major* Eggers, *Pityophthorus seiryuensis* Murayama, *Polygraphus junnanicus* Sokanovskii, *Polygraphus sinensis* Eggers, *Polygraphus squameus* Yin & Huang, *Polygraphus szemaoensis* Tsai & Yin, *Polygraphus verrucifrons* Tsai & Yin, *Tomicus pilifer* (Spessivtsev), *Xyleborus emarginatus* Eichhoff.

Pinus tabulaeformis mukdensis

Cryphalus fulvus Niisima.

Pinus taeda

Carphoborus bifurcus Eichhoff, *Crypturgus alutaceus* Schwarz, *Dendroctonus frontalis* Zimmermann, *Dendroctonus terebrans* (Olivier), *Gnathotrichus materiarius* (Fitch), *Hylastes exilis* Chapuis, *Hypothenemus crudiae* (Panzer), *Pityogenes meridianus* Blackman, *Pityophthorus annexens* LeConte, *Pityophthorus confusus* Blandford, *Pityophthorus consimilis* LeConte, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus pullus* (Zimmermann), *Trypodendron scabricollis* (LeConte), *Xyleborus ferrugineus* (Fabricius).

Pinus taiwanensis

Eucallacea validus (Eichhoff).

Pinus tenuifolia

Dendroctonus adjunctus Blandford, *Dendroctonus mexicanus* Hopkins, *Dendroctonus parallelocollis* Chapuis, *Hylocurus clarki* Wood, *Pityophthorus delicatus*

Wood, *Pityophthorus festus* Wood, *Pityophthorus nocturnus* Schedl, *Pityophthorus pellitus* Schedl, *Pityophthorus subsimilis* Schedl, *Xyleborus affinis* Eichhoff.

Pinus teocote

Conophthorus teocotum Wood, *Dendroctonus approximatus* Dietz, *Dendroctonus mexicanus* Hopkins, *Dendroctonus vitei* Wood, *Pityophthorus crassus* Blackman, *Pityophthorus leiophyllae* Blackman, *Pityophthorus perotei* Blackman, *Pityophthorus schwarzi* Blackman.

Pinus thunbergiana

Cryphalus fulvus Nisima, *Cryphalus furukawai* Murayama, *Cryphalus jeholensis* Murayama, *Cryphalus laricis* Nisima, *Eucallacea validus* (Eichhoff), *Orthotomicus nankinensis* Kurenzov & Kononov, *Orthotomicus tosaensis* (Murayama), *Pityophthorus jucundus* Blandford.

Pinus torreyana

Pityophthorus carmeli Swaine.

Pinus tuberculata

Dolargus pumilus (Mannerheim).

Pinus virginiana

Carphoborus bicornis Wood, *Carphoborus bifurcus* Eichhoff, *Dendroctonus frontalis* Zimmermann, *Hylurgops rugipennis* pinifex Fitch, *Pityogenes plagiatus* (LeConte), *Pityophthorus cariniceps* LeConte, *Pityophthorus consimilis* LeConte, *Pityophthorus pulchellus* Eichhoff, *Pityophthorus pulicarius* (Zimmermann).

Pinus washoensis

Conophthorus ponderosae Hopkins, *Pityophthorus digestus* (LeConte).

Pinus yunnanensis

Cryphalus szechuanensis Tsai & Li, *Hylastes techangensis* Tsai & Huang, *Hylurgops major* Eggers, *Ips chinensis* Kurenzov & Kononov, *Polygraphus junnanicus* Sokanovskii, *Polygraphus szemaoensis* Tsai & Yin, *Polygraphus verrucifrons* Tsai & Yin, *Xyleborus emarginatus* Eichhoff.

Piper guahamense

Cryphalus sylvicola (Perkins).

Piper spp.

Cnestus suturalis (Eggers), *Corthylus cirritus* Wood, *Corthylus comosus* Wood, *Hadrodemius globus* (Blandford), *Xyleborus haberkornii* Eggers.

Piptadenia africana

Chaetastus tuberculatus (Chapuis), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus exilis* (Chapuis), *Doliopygus eximius* Schedl, *Doliopygus expletus* Schedl, *Doliopygus ghesquieri* (Schedl), *Doliopygus gracilior* Schedl, *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus perminutissimus* (Schedl), *Doliopygus propinquus* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus spectabilis* Schedl, *Doliopygus subdolosus* Schedl, *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus ater* (Eggers), *Hypothenemus biseriatus* (Eggers), *Perionnatus longicollis* Chapuis, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Piptadenia b Buchananii

Cryptocorus spinipennis Schedl, *Doliopygus exilis* (Chapuis).

Piptadenia percillei

Xyleborus alluaudi Schaufuss, *Xyleborus malgasicus* Schedl.

Piptadenia spp.

Mesoplatypus quinquecinctus (Schedl), *Pseudochramesus semibrunneus* (Eggers).

Piptadeniastrum africanum

Chaetastus montanus Schedl, *Doliopygus opifex* (Sampson), *Doliopygus perminutissimus* (Schedl), *Doliopygus propinquus* Schedl, *Perionnatus grandis* Schedl, *Triozastus banghaasi* (Schaufuss), *Triozastus caliginosus* Roberts, *Triozastus elongatus* Schedl, *Triozastus pilosulus* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus barumbucensis* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Piptadeniastrum spp.

Premnobius catipennis Eichhoff.

Pipturus albidus

Xyleborus ferrugineus (Fabricius), *Xyleborus hawaiiensis* Perkins, *Xyleborus perforans* (Wollaston).

Pipturus spp.

Xyleborinus saxeseni (Ratzeburg), *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Piscidia piscipala

Cnemomyx tagabundus (Wood).

Pisonia spp.

Xyleborus ferrugineus (Fabricius).

Pisonia umbellifera

Xyleborus ferrugineus (Fabricius).

Pistacia atlantica

Chaetoptelius vestitus (Mulsant & Rey).

Pistacia integerrima

Chaetoptelius vestitus (Mulsant & Rey).

Pistacia lentiscus

Chaetoptelius vestitus (Mulsant & Rey), *Phloeotribus scarabaeoides* (Bernard).

Pistacia spp.

Carphoborus perrisi (Chapuis), *Phloeotribus mayeti* (Guillebeau).

Pistacia terebenthus

Chaetoptelius vestitus (Mulsant & Rey).

Pistacia vera

Chaetoptelius vestitus (Mulsant & Rey).

Pithecolobium bubalinum

Cyclorhipidion foersteri (Hagedorn).

Pithecolobium dulce

Xyleborus perforans (Wollaston).

Pithecolobium guadeloupense

Cryptocarenum seriatus Eggers, *Hypothenemus hirsutus* (Wood), *Hypothenemus seriatus* (Eichhoff), *Micracisella nanula* (LeConte).

Pithecolobium lobatum

Xyleborinus andrewesi (Blandford), *Xyleborus setulosus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Pithecolobium pinnatum

Xyleborus asper Eggers, *Xyleborus ferrugineus* (Fabricius).

Pithecolobium saman

Ambrosiodinus pithecolobius (Schedl), *Platypus suffodiens* Sampson.

Pithecolobium splendens

Crossotarsus externedentatus (Fairmaire).

***Pithecolobium* spp.**

Crossotarsus squamulatus Chapuis, *Crossotarsus terminatus* Chapuis, *Cyclorhipidion pruinatum* (Blandford), *Platypus lepidus* Chapuis, *Platypus pseudocupulatus* Schedl, *Xylosandrus compactus* (Eichhoff).

Pithecelobium unguis-cati

Hypothenemus hirsutus (Wood), *Hypothenemus squamosus* (Hopkins).

Pittosporum resiniferum

Cryphalus resiniferi Schedl.

Pittosporum spathicalyx

Eucallacea xanthopus (Eichhoff).

***Pittosporum* spp.**

Ambrosiodinus compressus (Lea), *Cyrtogenius dimorphus* (Schedl), *Eucallacea xanthopus* (Eichhoff), *Hypothenemus scriatus* (Eichhoff), *Mitosoma excisum* Schaufuss, *Xyleborinus quadrispinis* (Schedl), *Xyleborinus spiculatus* (Schaufuss), *Xyleborinus spinosus* (Schaufuss), *Xyleborus alluaudi* Schaufuss, *Xylosandrus compactus* (Eichhoff).

Pittosporum tobira

Cryphalus birosinensis (Murayama).

Pittosporum viridiflorum

Chaetastus montanus Schedl, *Triozastus caliginosus* Roberts.

***Plagioscyphus* spp.**

Crossotarsus nitens Chapuis, *Platypus madagascariensis* Chapuis, *Prennobius cavipennis* Eichhoff.

Planchonella laurifolia

Platypus semigranulosus (Sampson).

Planchonella pohlmaniana

Xyleborus perforans (Wollaston), *Xyleborus rotulus* (Fabricius).

Planchonella samoensis

Cryphalus samoensis Beeson, *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Platypus tetracerus* Beeson, *Xyleborus longicollis* Browne.

Planchonella sandwicensis

Xyleborus lanaiensis Perkins.

***Planchonella* spp.**

Diapus elongatus Schedl, *Diapus nebulosus* Roberts, *Diapus papuanus* Schedl, *Diapus perpygmaeus* Roberts, *Diapus quinquespinatus* Chapuis, *Diapus turgidus* Roberts, *Platypus ambiguus* Roberts, *Platypus aspicius* Roberts & Morimoto, *Platypus glochideus* Roberts & Morimoto, *Platypus jansoni* Chapuis.

Planchonella andamanica

Xyleborus cognatus Blandford, *Xyleborus similis* Ferrari.

***Planchonella* spp.**

Xyleborus similis Ferrari.

Planera aquatica

Hylocurus floridensis Atkinson.

Platanus acerifolia

Hypothenemus eruditus Westwood.

Platanus occidentales

Corthyus columbianus Hopkins.

***Platanus* spp.**

Xyleborus dispar (Fabricius).

Plathymenia reticulata

Xyleborus rugosipennis Schedl.

***Platycarya* spp.**

Xylosandrus mutilatus (Blandford).

Platycladus orientalis

Phloeosinus thujae (Perris).

Plectocomia elongata

Xyleborus inaequalis Schedl.

***Electronia* spp.**

Xyleborus cancellatus Eggers.

Pleiocarpa micrantha

Scolytogenes pleiocarpae (Schedl).

Pleiocarpa tubicina

Hypothenemus perhispidus (Eggers), *Platypus intermedius* (Schedl), *Scolytogenes pleiocarpae* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xyleborus principalis* Eichhoff.

***Pleiogynum* spp.**

Ambrosiodinus lecontei Hopkins.

Pleomele aurea

Xyleborus rugatus Blackburn.

Plerandra grayi

Scolytogenes fijiensis (Schedl).

***Plochodion* spp.**

Xyleborinus longus (Eggers).

Plumeria rubra

Scolytodes plumeriae Wood, *Scolytodes plumericolens* Wood, *Scolytodes venustus* Wood.

***Plumeria* spp.**

Scolytopsis laticollis Wood.

Podocarpus falcata

Lanurgus spathulatus Schedl, *Traglostus brevisetosus* Schedl, *Xyleborinus acmulus* (Wollaston).

Podocarpus imbricata

Platypus bajulus Schedl, *Platypus catus* Strohmeier, *Platypus vethi* Strohmeier, *Scolytoplatus nitidus* Eggers.

Podocarpus indicus

Coccotrypes cinnamomi (Eggers), *Coccotrypes medius* (Eggers).

Podocarpus latifolia

Ambrosiodinus eichhoffi (Schreiner), *Hypocryphalus caplandicus* Schedl, *Lanurgus oleaeformis* Schedl.

Podocarpus nageia

Phloeosinus osunensis Murayama.

Podocarpus oleifolia

Corthyus simplex Wood, *Monarthrum nevermanni* (Schedl), *Phloeotribus atavus* Wood.

Podocarpus raspiglosii

Araptus impensus (Wood), *Platypus secus* Wood.

***Podocarpus* spp.**

Acanthotomicus curvidens (Schedl), *Coccotrypes leverii* Browne, *Crossotarsus coxalis* Schedl, *Diapus elongatus* Schedl, *Diapus papuanus* Schedl, *Diapus spinifer* Schedl, *Doliopygus bidentatus* (Strohmeier), *Lanurgus podocarpi* Schedl, *Phloeosinus kinabaluensis* Bright, *Phloeosinus podocarpi* Browne, *Platypus fastuosus* Schedl, *Platypus orientalis* (Strohmeier), *Platypus semiotopacus* Strohmeier, *Platypus uniformis* Schedl, *Scolytodes gennaeus* Wood, *Scolytoplatus kivuensis* Schedl, *Treptoplatus multiporus* Schedl.

Poinciana elata

Ambrosiodinus lewisi (Blandford), *Eucallacea intersectus* (Blandford), *Platypus indicus* Strohmeier, *Xyleborinus andrewesi* (Blandford).

Poinciana regia

Coccotrypes confusus (Eggers), *Eucallacea xanthopus* (Eichhoff), *Hypothenemus crudiae* (Panzer), *Hypothenemus liberiensis* (Hopkins), *Hypothenemus melasomus* (Lea), *Micracis burgosi* Wood, *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston).

Poinsettia heterophylla

Hypothenemus brunneus (Hopkins), *Hypothenemus gossypii* (Hopkins).

Polyalthia simiarum

Coccotrypes carpophagus (Hornung).

***Polyalthia* spp.**

Crossotarsus mnischei Chapuis, *Platypus jansoni* Chapuis, *Platypus schysi* Chapuis.

Polyalthia suaveolens

Chaetastus tuberculatus (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus divaricus* (Schedl), *Doliopygus donisi* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus expletus* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Hypothenemus macrolobii* (Eggers), *Hypothenemus socialis* (Schedl), *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Periommatius substriatus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus picinus* Schedl, *Platypus quadricornis* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus polyalthiae* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus scobinatus* Hagedorn, *Xyleborus volvulus* (Fabricius).

Polygonum tomentosum

Hypothenemus grandis Schedl.

***Polyosma* spp.**

Platypus cupulatus Chapuis, *Platypus geminatus* Chapuis.

Polypodium lycopodioides

Hypothenemus eruditus Westwood, *Hypothenemus perhispidus* (Eggers).

***Polyporus* spp.**

Ambrosiodmus natalensis (Schaufuss).

Polyscias fulva

Chaetastus montanus Schedl, *Chaetastus tuberculatus* (Chapuis), *Platypus inpolitus* Roberts, *Xyleborus alluaudi* Schaufuss.

Polyscias kikuyuensis

Chaetastus montanus Schedl, *Chaetastus tuberculatus* (Chapuis), *Doliopygus bidentatus* (Strohmeyer), *Doliopygus citri* Schedl, *Platypus orientalis* (Strohmeyer), *Tiarophorus gardneri* Schedl.

***Polyscias* spp.**

Chaetastus montanus Schedl, *Doliopygus citri* Schedl, *Doliopygus nairobiensis* (Schedl), *Doliopygus rapax* (Sampson).

Pometia macrocarpa

Platypus protenus (Schedl).

Pometia pinnata

Crossotarsus mnischei Chapuis, *Crossotarsus wallacei* (Thomson), *Platypus cavus* Strohmeyer, *Platypus jansoni* Chapuis, *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus perplexus* Schedl, *Xylosandrus ater* (Eggers), *Xylosandrus mancus* (Blandford).

***Pometia* spp.**

Baiois permanulus (Schedl), *Crossotarsus inaequidens* Browne, *Crossotarsus nakazawai* Browne, *Diapus perpygmaeus* Roberts, *Diapus pusillimus* Chapuis, *Diapus*

quinquespinatus Chapuis, *Platypus abruptifer* Wood, *Platypus granulatus* Browne, *Platypus insulindicus* Schedl, *Platypus juxtae* Schedl, *Platypus lepidus* Chapuis, *Platypus matoae* Browne, *Platypus pseudocupulatus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborinus pomelianus* (Schedl).

Pometia tomentosa

Crossotarsus javanus Beeson, *Platypus signatus* Chapuis.

Pongamia glabra

Phloeodictia curtus (Eggers).

***Popowia* spp.**

Ctonoxylon kituensis Schedl.

Populus acuminata

Trypophloeus populi Hopkins.

Populus alba

Scolytus kirschi Skalitzky, *Trypophloeus granulatus* (Ratzeburg).

Populus angustifolia

Trypophloeus populi Hopkins.

Populus ciliata

Crossotarsus wilmot (Stebbing).

Populus deltoides

Euwallacea validus (Eichhoff), *Hypothenemus seriatus* (Eichhoff), *Trypodendron retusum* (LeConte).

Populus diversifolia

Trypophloeus klimeschi Eggers.

Populus glandulosa

Euwallacea validus (Eichhoff).

Populus grandidentata

Trypodendron retusum (LeConte).

Populus nigra

Scolytus scolytus (Fabricius).

Populus pruinosa

Trypophloeus klimeschi Eggers.

Populus pyramidalis

Trypophloeus binodulus (Ratzeburg), *Trypophloeus granulatus* (Ratzeburg).

Populus sieboldii

Xyleborus volvulus (Fabricius).

***Populus* spp.**

Ambrosiodmus apicalis (Blandford), *Ambrosiodmus lewisi* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Hyllocurus hirtellus* (LeConte), *Micracis swainei* Blackman, *Platypus falcatus* Strohmeyer, *Scolytoplatus tycon* Blandford, *Trypodendron signatum* (Fabricius), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus emarginatus* Eichhoff, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus crassiusculus* (Motschulsky).

Populus suaveolens

Trypophloeus klimeschi Eggers.

Populus tremula

Trypophloeus binodulus (Ratzeburg), *Trypophloeus granulatus* (Ratzeburg), *Trypophloeus kurenzovi* Nunberg, *Trypophloeus palmi* Hansen, *Trypophloeus tremulae* Stark, *Xyleborus pfeili* (Ratzeburg).

Populus tremuloides

Procrisphalus mucronatus (LeConte), *Trypodendron retusum* (LeConte), *Trypophloeus populi* Hopkins, *Trypophloeus thatcheri* (Wood), *Xyleborus obesus* LeConte.

Populus trichocarpa

Gnathotrichus retusus (LeConte), *Trypophloeus populi* Hopkins, *Trypophloeus thatcheri* (Wood).

Potakowskia tacaco

Dendrocranulus declivis Schedl. *Dendrocranulus vicinus* Wood.

Poupartia caffra

Ambrosiodmus sakoae (Schedl).

Pourouma aspera

Gnathotripes terebratus (Wood).

Pouteria anibaefolia

Platypus pouteriae Wood. *Platypus sicarius* Wood. *Xyleborus affinis* Eichhoff. *Xyleborus ferrugineus* (Fabricius).

Pouteria campechana

Chaetophloeus pouteriae Wood.

Pouteria egregia

Platypus applanatus Wood. *Xyleborus affinis* Eichhoff. *Xyleborus rotulus* (Fabricius).

Pouteria guianensis

Platypus chuniculus Wood. *Platypus occipitis* Wood. *Xyleborus rotulus* (Fabricius).

Pouteria malaccensis

Crossotarsus squamulatus Chapuis. *Platypus loricatus* (Sampson). *Platypus pseudocupulatus* Schedl. *Platypus signatus* Chapuis. *Platypus westwoodi* Chapuis.

Pouteria spp.

Dryocoetoides rusticus Wood. *Dryocoetoides severus* (Schedl). *Hypothenemus bolivianus* (Eggers). *Platypus pouteriae* Wood. *Premnobius cavipennis* Eichhoff. *Sampsonius expulsus* Wood. *Taurodenuus ebenus* (Wood). *Taurodenuus splendidus* (Schaufuss). *Xyleborinus reconditus* (Schedl). *Xyleborus communixtus* Blandford. *Xyleborus parcellus* Wood.

Poveria exitialis

Platypus exitialis Wood.

Pritchardia pacifica

Coccotrypes dactyliperda (Fabricius).

Pritchardia thurstoni

Coccotrypes carpophagus (Hornung).

Pronia copaifer

Coccotrypes cyperi (Beeson).

Prosopis chilensis

Hypothenemus rugifer (Schedl).

Prosopis glandulosa

Pseudothyanoes turnboui Wood.

Prosopis juliflora

Thyanoes texanus Blackman.

Prosopis nudiflora

Xylosandrus compactus (Eichhoff).

Prosopsis pallida

Xyleborinus saxeseni (Ratzeburg).

Prosopis spp.

Chaetophloeus fasciatus (Blackman). *Hypothenemus erectus* LeConte. *Hypothenemus interstitialis* (Hopkins). *Hypothenemus rotundicollis* (Eichhoff). *Micracisella nanula* (LeConte). *Micracisella opacithorax* (Schedl). *Xylosandrus compactus* (Eichhoff).

Protea spp.

Thammurgus granulicollis Schedl.

Protium copal

Gnatholeptus semiernis (Nunberg).

Protium macgregorii

Platypus solidus Walker.

Protium nervosum

Taurodenuus ebenus (Wood). *Taurodenuus varulus* (Wood). *Xyleborinus celatus* Wood.

Protium spp.

Amphicranus micans Wood. *Camptocerus aeneipennis*

(Fabricius). *Camptocerus auricomus* Blandford. *Camp-tocerus niger* (Fabricius). *Cnemonyx exiguus* (Blandford). *Cnemonyx proticorus* Wood. *Coptoborus usagariensis* (Eggers). *Cryphalus nitidipennis* Browne. *Cryptocarenum lepidus* Wood. *Cryptocarenum pilosus* Eggers. *Gnatholeptus panamensis* Blackman. *Gnatholeptus shannoni* (Blackman). *Hypothenemus bolivianus* (Eggers). *Hypothenemus opacus* (Eichhoff). *Microborus limatus* Wood. *Pericryphalus sobrinus* Wood. *Pityophthorus sparsepilosus* (Schedl). *Pityophthorus subcibratus* Schedl. *Platypus tristis* Roberts. *Premnobius cavipennis* Eichhoff. *Taurodenuus bicornutus* (Wood). *Taurodenuus flavipes* (Fabricius). *Xyleborus biuncus* Browne. *Xyleborus ferrugineus* (Fabricius). *Xyleborus protii* Browne.

Protium tenuifolium

Camptocerus rectus Wood. *Xylosandrus laticeps* (Wood).

Protorus spp.

Platypus madagascariensis Chapuis.

Prunus americana

Phloeotribus liminaris (Harris).

Prunus angustifolia

Phloeotribus liminaris (Harris).

Prunus apetala

Xyleborus lactus Niisima.

Prunus armeniaca

Cryphalus malus Niisima. *Scolytoplatypus minimus* Hagedorn. *Scolytus nitidus* Schedl. *Xyleborinus saxeseni* (Ratzeburg).

Prunus avium

Polygraphus grandiclava Thomson.

Prunus cerasa

Polygraphus grandiclava Thomson.

Prunus communis

Phloeotribus pruni Wood.

Prunus davidiana

Ambrosiodmus rubricollis (Eichhoff).

Prunus domestica

Hypothenemus birmanus (Eichhoff). *Phloeotribus porteri* Bruch. *Scolytoplatypus fasciatus* Hagedorn.

Prunus donarium spontanea

Xyleborus atratus Eichhoff.

Prunus grayana

Xylechinus gummensis (Murayama).

Prunus jamasakura

Coccotrypes naidaijinensis (Murayama). *Crossotarsus simplex* Murayama.

Prunus maximowiczii

Dryocoetes cerasi Eggers.

Prunus mume

Cryphalus malus Niisima.

Prunus nepalensis

Diapus quadrispinatus Chapuis. *Diapus quinque-spinatus* Chapuis. *Diapus spatulifer* Browne. *Scolytoplatypus darjeelingi* Stebbing. *Scolytoplatypus pubescens* Hagedorn. *Scolytoplatypus raja* Blandford.

Prunus padus

Cryphalus scopiger Berger. *Lymanator aceris* (Lindemann). *Lymanator coryli* (Perris). *Polygraphus grandiclava* Thomson. *Scolytoplatypus siomio* Blandford. *Xylechinus padus* Wood.

Prunus parviflora

Tomicus multisetosus (Murayama).

Prunus persica

Cryphalus malus Niisima. *Hypothenemus crudiae*

(Panzer). *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Phloeotribus destructor* Wood, *Phloeotribus discrepans* Blandford, *Phloeotribus liminaris* (Harris), *Phloeotribus pruni* Wood, *Scolytus pomi* Yin & Huang, *Xylosandrus crassiusculus* (Motschulsky).

Prunus pseudo-cerasus

Cryphalus malus Nisima.

Prunus salasii

Ambrosiodmus natalensis (Schaufuss), *Eucallacea xanthopus* (Eichhoff), *Hypothenemus grandis* Schedl.

Prunus salicina

Cryphalus malus Nisima.

Prunus sargentii

Cryphalus malus Nisima.

Prunus serotina

Hypothenemus eruditus Westwood, *Liparthrum pruni* Wood, *Phloeotribus destructor* Wood, *Phloeotribus liminaris* (Harris), *Phloeotribus perniciosus* Wood, *Phloeotribus pruni* Wood, *Xyleborinus saxeseni* (Ratzeburg).

Prunus serrulata spontanea

Eucallacea validus (Eichhoff).

Prunus sphaerocarpa

Acorthylus pruni (Wood), *Platypus calamus* Blandford, *Platypus deceptor* Wood, *Platypus deplanatus* Wood.

***Prunus* spp.**

Ambrosiodmus apicalis (Blandford), *Ambrosiodmus lewisi* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Chaetophloeus heterodoxus* (Casey), *Coccotrypes naidaijinensis* (Murayama), *Glochinocerus gemellus* Blandford, *Hypothenemus eruditus* Westwood, *Monarthrum fasciatum* (Say), *Phloeotribus destructor* Wood, *Phloeotribus pruni* Wood, *Platypus calamus* Blandford, *Platypus cylindrus* (Fabricius), *Platypus quercivorus* Murayama, *Platypus severini* Blandford, *Polygraphus parvulus* Murayama, *Polygraphus ssiori* Nisima, *Scolytoplatus mikado* Blandford, *Scolytus amygdali* Guerin-Meneville, *Scolytus aratus* Blandford, *Scolytus ensifer* Eichhoff, *Scolytus gretschkini* Sokanovskii, *Scolytus japonicus* Chapuis, *Scolytus kirschi* Skaltitzky, *Scolytus mali* (Beckstein), *Scolytus pygmaeus* (Fabricius), *Scolytus rugulosus* (Muller), *Scolytus schevyrewi* Semenov, *Trypodendron domesticum* (Linnaeus), *Xyleborinus attenuatus* (Blandford), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus praevis* Blandford, *Xyleborus seriatus* Blandford, *Xylosandrus germanus* (Blandford), *Xylosandrus pseudosolidus* (Schedl).

Prunus ssiori

Platypus calamus Blandford, *Polygraphus shariensis* Nisima.

Prunus tomentosa

Scolytus pomi Yin & Huang.

Prunus triloba

Cryphalus pruni Eggers.

Prunus virginiana

Phloeotribus pruni Wood.

Prunus vulgaris

Phloeotribus pruni Wood.

Prunus yedoensis

Xyleborus atratus Eichhoff.

***Pseudoeugenia* spp.**

Platypus hamatulus Schedl.

Pseudomorus brunoniana

Ficicis varians Lea.

Pseudoolmedia laevigata

Dryocoetoides severus Wood, *Taurodemus splendidus* (Schaufuss), *Taurodemus varians* (Fabricius), *Xyleborinus reconditus* (Schedl).

***Pseudoolmedia* spp.**

Phloeotribus minor Wood.

Pseudospondias microcarpa

Chaetastus tuberculatus (Chapuis), *Platypus hintzi* Schaufuss, *Scolytoplatus africanus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

***Pseudospondias* spp.**

Trachyostus aterrimus (Schaufuss).

Pseudotsuga douglasii

Cryphalus asperatus (Gyllenhal).

Pseudotsuga flahuati

Hylastes asperatus Wood, *Hylastes gracilis* LeConte.

Pseudotsuga macrocarpa

Carphoborus blaisdelli Swaine, *Dendroctonus pseudotsugae* Hopkins, *Pseudohylesinus nebulosus serratus* Bruck, *Scolytus oregoni* Blackman.

Pseudotsuga menziesii

Carphoborus pseudotsugae Wood, *Carphoborus vandykei* Bruck, *Cryphalus pubescens* Hopkins, *Cryphalus ruficollis* Hopkins, *Dendroctonus pseudotsugae* Hopkins, *Dryocoetes autographus* (Ratzeburg), *Dryocoetes cristatus* Inouye & Nobuchi, *Gnathotrichus retusus* (LeConte), *Gnathotrichus sulcatus* (LeConte), *Hylastes ater* (Paykull), *Hylastes nigrinus* (Mannerheim), *Hylastes ruber* Swaine, *Hylurgops reticulatus* Wood, *Hylurgops rugipennis* rugipennis (Mannerheim), *Hylurgops subcostulatus subcostulatus* (Mannerheim), *Phloeosinus antennatus* Swaine, *Phloeotribus lecontei* Schedl, *Pityokteines elegans* Swaine, *Pityokteines lasiocarpi* (Swaine), *Pityophthorus arcans* Bright, *Pityophthorus intentus* Bright, *Pityophthorus malleatus* Bright, *Pityophthorus opaculus* LeConte, *Pityophthorus orarius* Bright, *Pityophthorus pseudotsugae* Swaine, *Pityophthorus solers* Blackman, *Pityophthorus speculum* Bright, *Platypus apicalis* (White), *Platypus wilsoni* Swaine, *Pseudohylesinus nebulosus nebulosus* (LeConte), *Pseudohylesinus sericeus* (Mannerheim), *Pseudothysanoes conferrae* (Wood), *Scierus annexens* LeConte, *Scolytus hermosus* Wood, *Scolytus monticola* (Swaine), *Scolytus oregoni* Blackman, *Scolytus reflexus* Blackman, *Scolytus unispinosus* LeConte, *Scolytus virgatus* Bright, *Xyleborus intrusus* Blandford.

***Pseudotsuga* spp.**

Trypodendron lineatum (Olivier).

Psidium guajava

Diapus formosanus Nisima & Murayama, *Eucallacea fornicatus* (Eichhoff), *Eucallacea xanthopus* (Eichhoff), *Phloeoborus punctatorugosus* Chapuis, *Pityophthorus robai* (Blackman), *Platypus flectus* Nisima & Murayama, *Platypus nijimai* Murayama, *Scolytogenes samoanus* (Brown), *Taurodemus perebeae* (Ferrari), *Xyleborus affinis* Eichhoff, *Xyleborus subtuberculatus* Eggers.

Psittacanthus schiedeanus

Chaetophloeus struthanthi Wood, *Cnesinus noguerae* Atkinson, *Corthylus senticosus* Wood.

***Psittacanthus* spp.**

Corthylus sentosus Wood, *Hypothenemus indigenus* Wood, *Pseudothysanoes plumalis* Wood, *Pseudothysanoes tenellus* Wood.

***Psychotia* spp.**

Xyleborinus quadrispinosus (Eichhoff), *Xyleborus alluaudi* Schaufuss, *Xylosandrus hirsutipennis* (Schedl).

Psychotia viridiflora*Platypus signatus* Chapuis.***Ptelea trifoliata****Phlocotribus scabriscollis* (Hopkins).***Pteleopsis hylo dendron****Chaetastus tuberculatus* (Chapuis), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Dryocetoidea cristatus* (Fabricius), *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl.***Pteridium aquilinum****Coccotrypes cardanomi* Schauffuss, *Coccotrypes pterydophytæ* (Schedl).***Pternandra coerulea****Anasa versicolor* (Sampson).***Pterocarpus angolenis****Doliopygus conradti* (Strohmeyer), *Doliopygus crinitus* (Chapuis), *Doliopygus subserratus* Browne.***Pterocarpus dalbergioides****Crossotarsus andamanis* Beeson, *Platypus cupulatus* Chapuis, *Platypus solidus* Walker, *Platypus verehinatus* (Beeson), *Xyleborinus exigius* (Walker), *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus pfeili* (Ratzeburg), *Xyleborus similis* Ferrari.***Pterocarpus indicus****Crossotarsus externedentatus* (Fairmaire), *Eucallacea limatus* (Schedl), *Hypocyphalus perminimus* (Schedl), *Platypus insularis* Strohmeyer, *Xyleborus granulipes* Schedl, *Xyleborus similis* Ferrari.***Pterocarpus marsupium****Ambrosiodmus dihingensis* (Eggers), *Crossotarsus minax* (Walker), *Ernoporius concentricus* (Eggers), *Eucallacea andamanensis* (Blandford), *Eucallacea interjectus* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.***Pterocarpus mildbraedii****Chaetastus tuberculatus* (Chapuis), *Doliopygus pseudoserratus* Roberts, *Trachyostus aterrimus* (Schauffuss).***Pterocarpus osun****Mesoplatypus venustus* Schedl.***Pterocarpus soyauxii****Ambrosiodmus ovatus* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus pertinax* (Schedl), *Doliopygus coelocephalus* (Schauffuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquieri* (Schedl), *Doliopygus interjectus* Schedl, *Doliopygus lebrunii* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus maynei* Schedl, *Doliopygus opulentus* Schedl, *Doliopygus semipilosus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Premnobius longus* Eggers, *Premnobius robustulus* (Schedl), *Premnobius sexspinosus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Trichostus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alhuandi* Schauffuss, *Xyleborus caudatus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volutus* (Fabricius).***Pterocarpus spp.****Ambrosiodmus natalensis* (Schauffuss), *Ernoporius armatus* (Browne), *Ernoporius tuberculatus* (Browne), *Leptoxyleborus concisus* (Blandford), *Platypus triplurus* Browne.***Pterocarpus stenoptera****Sphaerotrypes juglans* Tsai & Yin.***Pterocarpus tinctorius****Cylindropalpus laudatus* (Schedl), *Doliopygus per-**brevis* Schedl, *Hypothenemus pubipennis* (Eggers), *Hypothenemus solitarius* (Schedl), *Platypus parallelus* (Fabricius), *Xyleborus affinis* Eichhoff, *Xyleborus ficus* Eggers.***Pterocarya rhoifolia****Crossotarsus niponicus* Blandford, *Scolytogenes fujisanus* (Nobuchi).***Pterocymbium beccarii****Crossotarsus subpellucidus* Lea, *Eucallacea barbatus* (Hagedorn), *Eucallacea wallacei* (Blandford), *Platypus pallidus* Chapuis, *Platypus parallelus* (Fabricius), *Platypus solidus* Walker, *Platypus subgranosus* Schedl, *Platypus ustus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus similis* Ferrari.***Pterocymbium cinctorium****Platypus quadrifissilis* Schedl.***Pterocymbium spp.****Crossotarsus wallacei* (Thomson), *Diapus pusillimus* Chapuis, *Hyledius cribratus* (Blandford), *Platypus jausoni* Chapuis.***Pteromalus bimaculatus****Xyleborinus saxseni* (Ratzeburg).***Pterospermum acerifolium****Platypus solidus* Walker, *Xyleborus perforans* (Wollaston), *Xylosandrus discolor* (Blandford).***Pterospermum heyneanum****Coccotrypes longior* (Eggers).***Pterospermum spp.****Xyleborinus andrewesi* (Blandford).***Pterygopodium oxyphyllum****Doliopygus donisi* Schedl.***Pterygota bequaertii****Chaetastus tuberculatus* (Chapuis), *Doliopygus jurioni* Schedl, *Doliopygus lateralis* Schedl, *Doliopygus lateralis* Schedl, *Doliopygus lebrunii* Schedl, *Doliopygus medius* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus unicornis* Schedl, *Platypus hintzi* Schauffuss, *Platypus intermedius* (Schedl), *Strombophorus vagans* Schedl, *Trachyostus aterrimus* (Schauffuss), *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus volutus* (Fabricius).***Pterygota macrocarpa****Cylindropalpus auricomans* (Schauffuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus medius* Schedl, *Doliopygus mimicus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Platypus hintzi* Schauffuss, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).***Pterygota spp.****Platypus oblique truncatus* Schedl, *Premnobius cavipennis* spp.***Ptychosperma spp.****Coccotrypes dactyliperda* (Fabricius).***Pueraria thumbergiana****Ambrosiodmus lewisi* (Blandford).***Punica granatum****Eucallacea xanthopus* (Eichhoff), *Platypus solutus* Schedl, *Xyleborus piceus* (Motschulsky).***Punica spp.****Xyleborus dispar* (Fabricius).***Purshia mexicana****Chaetophloeus heterodoxus* (Casey).***Pycanthus angolensis****Chaetastus persimilis* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Doliopygus bilobatus* (Schedl), *Doliopygus*

conradti (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus interjectus* Schedl, *Doliopygus lefevrei* Schedl, *Euwallacea granosus* (Schedl), *Mesoplatypus venustus* Schedl, *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Platypus picinus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus nitidulus* Eggers, *Xyleborus piceus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xyleborus volculus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Pycanthus kombo

Chaetastus persimilis (Schedl), *Chaetastus tuberculatus* (Chapuis), *Doliopygus conradti* (Strohmeyer), *Doliopygus serratus* (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus volculus* (Fabricius).

Pycanthus marchalianus

Xyleborus ferrugineus (Fabricius).

***Pycanthus* spp.**

Ambrosiodinus eichhoffi (Schreiner).

Pycnostachys coerulea

Euwallacea xanthopus (Eichhoff), *Rhopalopselion congonum* (Schedl).

Pygeum africanum

Chaetastus diversifrons Browne, *Chaetastus montanus* Schedl, *Cylindropalpus laudatus* (Schedl), *Hylesinopsis fasciatus* (Hagedorn), *Sphaerotrypes pygeumi* Schedl, *Triozastus marshalli* (Sampson).

Pygeum parviflorum

Diapus quinquespinatus Chapuis.

Pyrus betulaeolia

Sphaerotrypes pyri Tsai & Yin.

Pyrus communis

Cnesinus strigicollis LeConte.

Pyrus lanata

Dryocoetes himalayensis Strohmeyer, *Scolytoplatus siomio* Blandford.

Pyrus malus

Chaetophloeus heterodoxus (Casey), *Cryphalus malus* Nüßima, *Hypothenemus africanus* (Hopkins), *Hypothenemus crudus* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus malus* (Schedl), *Lymantrix coryli* (Perris), *Scolytus nitidus* Schedl.

***Pyrus* spp.**

Hypothenemus eruditus Westwood, *Scolytoplatus daimio* Blandford, *Scolytus japonicus* Chapuis, *Scolytus mali* (Beckstein), *Scolytus rugulosus* (Müller), *Xylosandrus germanus* (Blandford), *Xyleborus dispar* (Fabricius).

Pyrus ussuriensis

Scolytus jacobsoni (Spessivtsev).

Qualea ingens

Dryocoetoides flavus (Fabricius), *Taurodemus perebeae* (Ferrari), *Xyleborinus reconditus* (Schedl), *Xyleborus spinulosus* Blandford.

Qualea wittrockii

Hypothenemus phumierae (Nordlinger), *Sampsonius dampfi* Schedl.

Quercus acuta

Ambrosiodinus rubricollis (Eichhoff), *Coptodryas kirishimanus* (Murayama), *Platypus calamus* Blandford,

Platypus lewisi Blandford, *Platypus quercivorus* Murayama, *Xyleborus atratus* Eichhoff, *Xyleborus miyazakensis* Murayama, *Xyleborus nameranus* Murayama, *Xyleborus pelliculosus* Eichhoff, *Xyleborus tsukubanus* Murayama.

Quercus acutissima

Platypus koryoensis (Murayama), *Platypus lewisi* Blandford, *Platypus quercivorus* Murayama, *Scolytogenes imitans* Eichhoff, *Sphaerotrypes pila* Blandford.

Quercus afares

Taphrorychus villifrons (Dufour).

Quercus agrifolia

Gnathotrichus pilosus (LeConte), *Monarthrum dentigerum* (LeConte), *Monarthrum scutellare* (LeConte), *Pseudopityophthorus agrifoliae* Blackman, *Pseudopityophthorus pubipennis* (LeConte).

Quercus alba

Corthylus columbianus Hopkins, *Micracisella opacicollis* (LeConte), *Monarthrum fasciatum* (Say), *Pseudopityophthorus pubescens* Blackman, *Xyleborus ferrugineus* (Fabricius).

Quercus aliena

Platypus koryoensis (Murayama), *Platypus lewisi* Blandford.

Quercus borealis

Pseudopityophthorus pubescens Blackman, *Xyleborus ferrugineus* (Fabricius).

Quercus cerris

Ernoporicus fagi (Fabricius), *Taphrorychus hirtellus* Eichhoff.

Quercus coccinea

Xyleborus ferrugineus (Fabricius).

Quercus costaricensis

Monarthrum pseudoscutellare (Schedl).

Quercus crispula

Platypus calamus Blandford.

Quercus dentata

Taphrorychus hewetti (Stebbing).

Quercus digitata

Monarthrum fasciatum (Say).

Quercus dilatata

Diapus aculeatus Blandford, *Diapus molossus* Chapuis, *Diapus spatulifer* Browne, *Platypus sexualis* Beeson, *Sphaerotrypes querci* Stebbing.

Quercus emoryi

Pseudopityophthorus opacicollis Blackman, *Pseudothysanoes sedulus* Blackman.

Quercus fagifolia

Diapus quinquespinatus Chapuis.

Quercus falcata

Micracisella opacicollis (LeConte), *Xyleborus ferrugineus* (Fabricius).

Quercus gambellii

Pseudothysanoes sedulus Blackman.

Quercus garrayana

Pseudopityophthorus pubipennis (LeConte).

Quercus gilliana

Scolytus querci Yin & Huang.

Quercus gilva

Amasa calamoides (Murayama), *Diapus spatulifer* Browne, *Platypus calamus* Blandford, *Platypus kiushuensis* Murayama, *Platypus lewisi* Blandford, *Platypus quercivorus* Murayama, *Platypus severini* Blandford.

Quercus glauca

Coptodryas kirishimana (Murayama), *Crossotarsus flavomaculatus* Strohmeyer, *Euwallacea velatus* (Samp-

son), *Platypus calamus* Blandford, *Platypus quercivorus* Murayama.

Quercus griseus

Pseudopityophthorus ravaparii Blackman.

Quercus grosseserrata

Eucallacea validus (Eichhoff).

Quercus hondai

Platypus calamus Blandford.

Quercus hondurensis

Monarthrum quercicum Wood, *Pseudopityophthorus granulifer* Wood, *Pseudopityophthorus pruinosis* (Eichhoff).

Quercus humboldtii

Cnesinus deperditus Wood, *Cnesinus fulgidus* Wood, *Phloeotribus remorsus* Wood, *Pseudopityophthorus colombianus* Wood.

Quercus hypoleucoides

Corthylus petilus Wood, *Monarthrum huachucae* Wood, *Pseudopityophthorus granulatus* Blackman, *Pseudopityophthorus pruinosis* (Eichhoff), *Pseudopityophthorus yacapaii* Blackman.

Quercus ilex

Taphrorychus minor Eggers.

Quercus incana

Carchesiopygus lobacanthus Schedl, *Crossotarsus fairmairei* Chapuis, *Crossotarsus wilnoti* (Stebbing), *Diapus aculeatus* Blandford, *Diapus quadrispinatus* Chapuis, *Diapus quinquespinatus* Chapuis, *Platypus abruptus* Sampson, *Polygraphus querci* Wood, *Scolytus platypus pubescens* Hagedorn, *Sphaerotrypes querci* Stebbing.

Quercus jordanae

Xyleborus rufus Schedl.

Quercus kelloggii

Monarthrum scutellare (LeConte), *Pseudopityophthorus agrifoliae* Blackman, *Pseudopityophthorus pubipennis* (LeConte).

Quercus lamellosa

Ambrosiodmus apicalis (Blandford), *Arixyleborus moestus* (Eggers), *Diapus minor* Schedl, *Diapus molossus* Chapuis, *Diapus quadrispinatus* Chapuis, *Diapus quinquespinatus* Chapuis, *Diapus spatulifer* Browne, *Indocoryphalus intermedius* (Sampson), *Platypus curtatus* Sampson, *Platypus falcatus* Strohmeier, *Platypus lewisi* Blandford, *Platypus quadriporus* (Beeson), *Pseudoxylechinus indicus* Wood, *Scolytus platypus darjeelingi* Stebbing, *Xyleborus improbus* Sampson, *Xyleborus inarmatus* Eggers, *Xylechinus darjeelingensis* Schedl.

Quercus lanuginosa

Taphrorychus hewetti (Stebbing).

Quercus lineata

Platypus quadriporus (Beeson).

Quercus marylandica

Pseudopityophthorus pruinosis (Eichhoff), *Trischidia atomus* (Hopkins).

Quercus mirbeckii

Taphrorychus villifrons (Dufour).

Quercus mongolica

Platypus quercivorus Murayama, *Xyleborus atratus* Eichhoff, *Xyleborus laetus* Niisima, *Xyleborus punctulatus* Kurenzov, *Xyleborus starki* Nunberg.

Quercus mongolica grosseserrata

Crossotarsus niponicus Blandford, *Platypus calamus* Blandford, *Platypus lewisi* Blandford, *Platypus modestus* Blandford, *Platypus quercivorus* Murayama, *Xyleborus aquilus* Blandford.

Quercus myrsinaefolia

Acanthotomicus spinosus Blandford, *Ambrosiodmus rubricollis* (Eichhoff), *Crossotarsus niponicus* Blandford, *Platypus calamus* Blandford, *Platypus quercivorus* Murayama, *Sphaerotrypes pila* Blandford, *Xyleborus japonicus* Nobuchi, *Xyleborus naneranus* Murayama, *Xylosandrus compactus* (Eichhoff).

Quercus nigra

Pseudopityophthorus asperulus (LeConte), *Pseudopityophthorus pruinosis* (Eichhoff).

Quercus pedunculata

Taphrorychus villifrons (Dufour).

Quercus phellos

Xyleborus ferrugineus (Fabricius).

Quercus phillyraeoides

Xyleborus misatoensis Nobuchi, *Xyleborus wakayamensis* Nobuchi.

Quercus pubescens

Taphrorychus villifrons (Dufour).

Quercus robur

Platypus mutatus Chapuis, *Taphrorychus villifrons* (Dufour).

Quercus rubra

Monarthrum fasciatum (Say), *Monarthrum mali* (Fitch), *Pseudopityophthorus asperulus* (LeConte), *Pseudopityophthorus pubescens* Blackman.

Quercus salicina

Crossotarsus niponicus Blandford, *Platypus calamus* Blandford, *Platypus quercivorus* Murayama.

Quercus sapotaefolia

Micracis lignicolus Wood, *Pseudopityophthorus granulifer* Wood.

Quercus semicarpifolia

Crossotarsus fairmairei Chapuis, *Diapus aculeatus* Blandford, *Diapus molossus* Chapuis, *Genyocerus furtivus* (Sampson), *Scolytus querci* Yin & Huang, *Sphaerotrypes querci* Stebbing, *Taphrorychus hewetti* (Stebbing).

Quercus serrata

Diapus quinquespinatus Chapuis, *Platypus calamus* Blandford, *Platypus koryoensis* (Murayama), *Platypus lewisi* Blandford, *Platypus quercivorus* Murayama, *Xyleborus atratus* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

Quercus sessilifolia

Platypus calamus Blandford, *Platypus quercivorus* Murayama.

Quercus sopataefolia

Pseudopityophthorus pruinosis (Eichhoff).

Quercus spicata

Coccotrypes papuanus (Eggers).

***Quercus* spp.**

Anasa schlichii (Stebbing), *Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus dexesus* (Schedl), *Ambrosiodmus ferus* (Wood), *Ambrosiodmus funebris* (Schedl), *Ambrosiodmus lewisi* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Amphicranus rameus* Wood, *Amphicranus splendens* Wood, *Chramesus dentatus* Schaeffer, *Cnesinus elegantis* Wood, *Cnesinus gibbulus* Wood, *Cnesinus porcatus* Blandford, *Cnesinus strigicollis* LeConte, *Corthyzyclon aztecum* (Bright), *Corthylus minutus* Bright, *Corthylus petilus* Wood, *Crossotarsus fractus* Sampson, *Crossotarsus horni* Schedl, *Crossotarsus oligodontus* Roberts, *Crossotarsus simplex* Murayama, *Crossotarsus terminatus* Chapuis, *Cryphalus felis* Wood, *Cyclorhipidion circumcissum*

(Sampson), *Cyclorhipidion subobtusum* (Schedl), *Diaprus pendleburgi* Schedl, *Dryococtiops coffeae* (Eggers), *Eucallacea xanthopus* (Eichhoff), *Glochinocerus gemellus* Blandford, *Gnathotrichus dentatus* Wood, *Gnathotrichus nimifrons* Wood, *Gnathotrichus obscurus* Wood, *Gnathotrichus pilosus* (LeConte), *Gnathotrichus primus* (Bright), *Gnathotrupes bituberculatus* (Blandford), *Hadrodemius amorphus* (Eggers), *Hylesinus crenatus* (Fabricius), *Hylesinus varius* (Fabricius), *Hylocurus femineus* Wood, *Hylocurus hirtellus* (LeConte), *Hylocurus incomptus* Wood, *Hylocurus longipennis* Wood, *Hylocurus parkinsoniae* Blackman, *Hypothenemus birmanus* (Eichhoff), *Hypothenemus columbi* Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus dissimilis* (Zimmermann), *Hypothenemus eruditus* Westwood, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus rotundicollis* (Eichhoff), *Hypothenemus seriatus* (Eichhoff), *Leptoxyleborus concisus* (Blandford), *Lymantor coryli* (Perris), *Micracis amplinis* Wood, *Micracis evanescens* Wood, *Micracis incertus* Wood, *Micracis lignator* Blackman, *Micracisella adnata* Wood, *Micracisella knulli* (Blackman), *Micracisella mimetica* Wood, *Micracisella nanula* (LeConte), *Micracisella scitula* Wood, *Microcorthyus vicinus* Wood, *Monarthrum aberrans* Schedl, *Monarthrum bicavum* Wood, *Monarthrum cordatum* (Blandford), *Monarthrum cordicatum* Wood, *Monarthrum dentigerum* (LeConte), *Monarthrum desum* (Wood), *Monarthrum fasciatum* (Say), *Monarthrum gnarum* (Schedl), *Monarthrum laterale* (Eichhoff), *Monarthrum luctuosum* (Blandford), *Monarthrum morsum* Wood, *Monarthrum nevermanni* (Schedl), *Monarthrum pseudoscutellare* (Schedl), *Monarthrum quercicolens* Wood, *Monarthrum quercivorum* Schedl, *Monarthrum quercus* (Wood), *Monarthrum quereum* Wood, *Monarthrum scrobiceps* (Eichhoff), *Monarthrum sulcatum* (Blandford), *Monarthrum tallidum* (Ferrari), *Monarthrum vittatum* (Blandford), *Phloeosinus pulchellus* Blandford, *Phloeotribus quercinus* Wood, *Pityophthorus conspectus* Wood, *Pityophthorus guatemalensis* Blandford, *Pityophthorus lautus* Eichhoff, *Pityophthorus medialis* Wood, *Pityophthorus melanurus* Wood, *Pityophthorus parilis* Wood, *Pityophthorus quercinus* Wood, *Pityophthorus scitulus* Wood, *Platypus annexus* Wood, *Platypus eugestus* Wood, *Platypus formosanus* Niisima & Murayama, *Platypus connexus* Wood, *Platypus convexicauda* Schedl, *Platypus cylindrus* (Fabricius), *Platypus jansoni* Chapuis, *Platypus kiushuensis* Murayama, *Platypus marcidus* Blandford, *Platypus otiosus* Schedl, *Platypus platypoides* (Browne), *Platypus quadridentatus* (Olivier), *Platypus quercus* Wood, *Platypus querci* Browne, *Platypus quercicola* Schedl, *Platypus quercivorus* Murayama, *Pseudopityophthorus agrifoliae* Blackman, *Pseudopityophthorus asperulus* (LeConte), *Pseudopityophthorus comosus* Bright, *Pseudopityophthorus declivis* Wood, *Pseudopityophthorus denticulus* Wood, *Pseudopityophthorus festivus* Wood, *Pseudopityophthorus granulatus* Blackman, *Pseudopityophthorus hondurensis* Wood, *Pseudopityophthorus limbatus* Eggers, *Pseudopityophthorus minutissimus* (Zimmermann), *Pseudopityophthorus opacicollis* Blackman, *Pseudopityophthorus peregrinus* Wood & Yin, *Pseudopityophthorus pruinosis* (Eichhoff), *Pseudopityophthorus singularis* Wood, *Pseudopityophthorus squamosus* Bright, *Pseudopityophthorus tenuis* Wood, *Pseudopityophthorus virilis* Wood, *Pseudopityophthorus yavapaii* Blackman, *Pseudo-*

thysanoes brunneus Wood, *Pseudothysanoes costatus* Wood, *Pseudothysanoes lecontei* Blackman, *Pseudothysanoes quercicolens* Wood, *Pseudothysanoes quercinus* (Wood), *Pseudothysanoes quercinus* Wood, *Pseudothysanoes securus* Wood, *Pseudothysanoes sedulus* Blackman, *Schedlia vulpinus* (Schedl), *Scolytodes anabilis* Wood, *Scolytodes radiatus* Wood, *Scolytoplatypus dainio* Blandford, *Scolytoplatypus mikado* Blandford, *Scolytoplatypus raja* Blandford, *Scolytoplatypus sionio* Blandford, *Scolytoplatypus tycon* Blandford, *Scolytus intricatus* (Ratzeburg), *Scolytus laevis* Chapuis, *Scolytus pygmaeus* (Fabricius), *Scolytus scolytus* (Fabricius), *Scolytus sulcifrons* Rey, *Sphaerotrypes yunnanensis* Tsai & Yin, *Tesserocerus alternans* Schedl, *Tesserocerus schmutzenhoferi* Schedl, *Thysanoes adonis* Wood, *Thysanoes berchemiae* Blackman, *Thysanoes finbricornis* LeConte, *Thysanoes lobdelli* Blackman, *Thysanoes pallens* Wood, *Thysanoes subsulcatus* Wood, *Thysanoes xylophagus* Blackman, *Tiarophorus scrutator* (Pandelle), *Trypodendron domesticum* (Linnaeus), *Webbia piscecauda* Browne, *Xyleborinus aemulus* (Wollaston), *Xyleborinus attenuatus* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborinus gracilicornis* (Schedl), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus adusticollis* (Motschulsky), *Xyleborus affinis* Eichhoff, *Xyleborus armipennis* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus eurgraphus* (Ratzeburg), *Xyleborus exesus* Blandford, *Xyleborus kumamotoensis* Murayama, *Xyleborus monographus* (Fabricius), *Xyleborus obesus* LeConte, *Xyleborus ohnoi* Browne, *Xyleborus okinosenensis* Murayama, *Xyleborus onoharaensis* Murayama, *Xyleborus perforans* (Wollaston), *Xyleborus pfeili* (Ratzeburg), *Xyleborus quercicola* Eggers, *Xyleborus seiryorensis* Murayama, *Xyleborus seriatus* Blandford, *Xyleborus xylographus* (Say), *Xylosandrus brevis* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus germanus* (Blandford), *Xylosandrus manicus* (Blandford), *Xyloterinus politus* (Say).

Quercus stenophylla

Ambrosiodinus lewisi (Blandford), *Platypus calamus* Blandford, *Xyleborinus attenuatus* (Blandford), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus kojimai* Murayama, *Xyleborus pelliculosus* Eichhoff, *Xyleborus volulus* (Fabricius).

Quercus texana

Hypothenemus eruditus Westwood.

Quercus tomentocaulis

Platypus longius Wood.

Quercus tomentosicupula

Xyleborus atratus Eichhoff.

Quercus velutina

Hylocurus rudis (LeConte), *Pseudopityophthorus asperulus* (LeConte).

Quercus virginiana

Araptus nanulus Wood.

Quercus williamsii

Micracis lignicolus Wood.

Quercus wislizenii

Pseudopityophthorus agrifoliae Blackman.

Quercus wrayi

Cyclorhipidion punctatopilosum (Schedl), *Platypus quercinus* Schedl.

***Quintinia* spp.**

Crossotarsus caliginosus Roberts, *Margadillius magnus* Browne.

Quisqualis indica

Hypothenemus californicus Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus cruditus* Westwood.

***Radlkofera* spp.**

Doliopygus bitalei Schedl, *Doliopygus omissus* Schedl, *Eucallacea xanthopus* (Eichhoff), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus amanicus* Hagedorn, *Xyleborus principalis* Eichhoff.

Randia acuminata

Cylindropalpus granulosis (Schedl).

Randia anisophylla

Anasa versicolor (Sampson), *Ambrosiodinus rubricollis* (Eichhoff), *Leptoxyloborus concisus* (Blandford).

Randia congolana

Doliopygus serratus (Strohmeyer), *Hypothenemus perhispidus* (Eggers), *Miocryptophalus nitidus* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

***Randia* spp.**

Pseudothyssanoes truncatus Wood, *Pseudothyssanoes vesculus* Wood, *Xyleborinus andrewesi* (Blandford).

Randia uliginosa

Eucallacea andamanensis (Blandford).

Rapanea guyanensis

Corthylus mexicanus Schedl.

Rapanea melanophloeos

Xyleborinus acmulus (Wollaston).

Rapanea rhododendroides

Chaetastus montanus Schedl.

Rauwolfia caffra

Eucallacea xanthopus (Eichhoff), *Premnobius minor* Eggers.

Rauwolfia inebrians

Rhopalopselion immaturus (Schedl).

Rauwolfia vomitoria

Triozastus caliginosus Roberts.

Ravensara pervillei

Platypus madagascariensis Chapuis, *Mitosoma odonticeps* Schedl.

Ravensara polyneura

Mitosoma odonticeps Schedl.

***Ravensara* spp.**

Eucallacea xanthopus (Eichhoff), *Hypothenemus abruptus* (Schedl), *Mitosoma obconiceps* Schedl, *Mitosoma truncatipennis* Schedl, *Xyleborinus mitosomipennis* (Schedl), *Xyleborus madagascariensis* Schaufuss, *Xyleborus sakalava* Schedl, *Xylosandrus manicus* (Blandford).

Ravensara madagascariensis

Mitosoma odonticeps Schedl.

***Rengas* spp.**

Platypus perbrevis Browne.

Retama bovei

Phloeotribus peyerimhoffi (Eggers).

Retama sphaerocarpa

Liparthrum genistae (Aube), *Phloeotribus rhododactylus* (Marshall).

***Retama* spp.**

Phloeotribus cristatus (Fauvel), *Phloeotribus maroccanus* (Guillebeau).

Reynoldsia tahitensis

Xyleborus mumfordi Beeson.

Reynosia septentrionalis

Hypothenemus hirsutus (Wood).

Rhacoma crossopetalum

Cryptocarenum seriatus Eggers.

Rhamnus betulae folia

Chramesus setosus Wood.

Rhamnus capreaefolia

Chramesus chapuisi LeConte.

Rhamnus cathartica

Lynantor coryli (Perris).

Rhamnus frangula

Lynantor coryli (Perris).

Rhamnus lanceolata

Hypothenemus dissimilis (Zimmermann), *Hypothenemus rotundicollis* (Eichhoff).

***Rhamnus* spp.**

Hylocurus hirtellus (LeConte), *Hypothenemus seriatus* (Eichhoff), *Hypothenemus sparsus* Hopkins.

Rheedia edulis

Campocerus auricomus Blandford, *Micracis carinulus* Wood, *Microborus boops* Blandford, *Phrixosoma minor* Wood, *Phrixosoma rude* Blandford, *Pityophthorus galeritus* Wood, *Pityophthorus strictus* Wood.

Rheedia madruno

Phrixosoma crebra Wood, *Phrixosoma frustrata* Wood, *Phrixosoma obesa* Blackman, *Phrixosoma viriosa* Wood, *Taurodenus bicornutus* (Wood), *Xyleborus schildi* Schedl.

***Rheedia* spp.**

Hypothenemus javanus (Eggers).

Rhizophora apiculata

Crossotarsus externedentatus (Fairmaire), *Platypus pseudocupulatus* Schedl, *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston).

Rhizophora mangle

Coccotrypes rhizophorae (Hopkins), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus crudiae* (Panzer), *Hypothenemus cruditus* Westwood, *Hypothenemus javanus* (Eggers), *Micracisella nanula* (LeConte), *Thyssanoes pallens* Wood, *Trischidias atomus* (Hopkins), *Trischidias minutissima* Wood, *Xyleborus productus* Hagedorn.

Rhizophora mucronata

Coccotrypes litoralis (Beeson), *Coccotrypes rhizophorae* (Hopkins), *Ernoporus inermis* (Schedl), *Platypus forcifolia* Chapuis, *Platypus insularis* Strohmeyer, *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

***Rhizophora* spp.**

Coccotrypes fallax (Eggers), *Cryptophalus negrosensis* Browne, *Premnobius cavipennis* Eichhoff, *Xylosandrus compactus* (Eichhoff).

Rhodannia trinervia

Anasa versicolor (Sampson), *Arixyleborus scabripennis* (Blandford), *Eccoptopterus limbus* Sampson, *Hadrodemius comans* (Sampson), *Xyleborus approximatus* Schedl, *Xyleborus minutus* Blandford.

Rhodobaena bakeriana

Mitosoma obconiceps Schedl, *Mitosoma obliquatum* Schedl, *Mitosoma paulianum* Schedl.

***Rhododendron* spp.**

Corthylus punctatissimus (Zimmermann), *Hypothenemus interstitialis* (Hopkins).

Rhoicissus erythrodes

Eucallacea xanthopus (Eichhoff), *Xyleborus principalis* Eichhoff.

Rhus ambigua*Xyleborus seriatus* Blandford.***Rhus aromatica****Hypothenemus distinctus* Wood, *Pityophthorus hylocurvides* Wood.***Rhus chinensis****Xylosandrus discolor* (Blandford), *Xylosandrus germanus* (Blandford).***Rhus diversilobata****Cactopinus rhois* Blackman.***Rhus glabra****Hypothenemus seriatus* (Eichhoff).***Rhus integrifolia****Chaetophloeus hystrix* (LeConte), *Chaetophloeus penicillatus* (Bruck).***Rhus lancea****Hypothenemus malus* (Schedl), *Lanurgus rhusi* Schedl.***Rhus laurina****Chaetophloeus hystrix* (LeConte), *Stenochyptus sulcatus* (Bruck).***Rhus microphylla****Chaetophloeus penicillatus* (Bruck).***Rhus mucronata****Xyleborinus aemulus* (Wollaston).***Rhus ovata****Chaetophloeus hystrix* (LeConte), *Chaetophloeus penicillatus* (Bruck).***Rhus radicans****Pityophthorus lautus* Eichhoff.***Rhus* spp.***Acanthotomicus bidentatus* (Schedl), *Ambrosiodmus rubricollis* (Eichhoff), *Ambrosiodmus tachygraphus* (Zimmermann), *Chaetophloeus lasius* Wood, *Chaetophloeus sulcatus* (Wood), *Corthylocorus mexicanus* (Schedl), *Glostatus acaciae* (Schedl), *Hylesinopsis confusus* (Eggers), *Hylocorus hirtellus* (LeConte), *Hypothenemus interstitialis* (Hopkins), *Micracisella nigrella* Wood, *Pityophthorus debilis* Wood, *Platypus solutus* Schedl, *Polygraphus natalensis* Eggers, *Thysanoes inornatus* Wood, *Xyleborinus saxeseni* (Ratzeburg).***Rhus succedanea****Sueus niisimai* (Eggers).***Rhus sylvestris****Ambrosiodmus lewisi* (Blandford), *Lymantria kabei* Murayama.***Rhus taitensis****Platypus solidus* Walker, *Xyleborus viaticus* Schedl.***Rhus toxicodendron****Pityophthorus crinalis* Blackman, *Trischidias atomus* (Hopkins).***Rhus toxicodendron radicans****Cryphalus rhusi* Niisima.***Rhus trichocarpa****Indocryphalus pubipennis* (Blandford).***Rhus trilobata****Cactopinus rhois* Blackman, *Chaetophloeus penicillatus* (Bruck), *Pityophthorus virilis* Blackman.***Rhus typhina****Lymantria decipiens* (LeConte), *Pityophthorus lautus* Eichhoff, *Pityophthorus scriptor* Blackman.***Rhus vernix****Pityophthorus crinalis* Blackman.***Rhus villosa****Platypus solutus* Schedl.***Ribes* spp.***Chaetophloeus heterodoxus* (Casey).***Ricinodendron africanum****Chaetastus tuberculatus* (Chapuis), *Doliopygus lefevrei* Schedl, *Platypus hintzi* Schaufuss, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius).***Ricinodendron heudelotii****Ambrosiodmus ovatus* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Coccotrypes rotundicollis* (Eggers), *Doliopygus conradti* (Strohmeyer), *Doliopygus interjectus* Schedl, *Doliopygus medius* Schedl, *Doliopygus serratus* (Strohmeyer), *Euwallacea pandae* (Schedl), *Hypothenemus eruditus* Westwood, *Periommatius excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus picinus* Schedl, *Platypus solutus* Schedl, *Prennobiulus nodulosus* Hagedorn, *Trachyostus aterrimus* (Schaufuss), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).***Ricinus communis****Acanthotomicus tanganyikaensis* (Schedl), *Euwallacea fornicatus* (Eichhoff), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Pityophthorus kivuensis* Schedl, *Theoborus ricini* (Eggers), *Xyleborus principalis* Eichhoff, *Xyleborus volvulus* (Fabricius).***Ricinus* spp.***Euwallacea fornicatus* (Eichhoff).***Rinorea* spp.***Dactylipalpus grouvellei* (Blandford).***Rinorea welwitschii****Doliopygus subditivus* (Schedl), *Xyleborus piceus* (Motschulsky).***Ritchiea apprevalliana****Euwallacea xanthopus* (Eichhoff), *Xyleborus ambasi-pennis* Schedl, *Xyleborus principalis* Eichhoff.***Robinia neomexicana****Chramesus asperatus* Schaeffer.***Robinia pseudacacia****Euwallacea fornicatus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Trischidias atomus* (Hopkins), *Trypodendron domesticum* (Linnaeus).***Robinia* spp.***Chramesus chapuisi* LeConte, *Hylesinus varius* (Fabricius), *Hylocorus ruber* Wood, *Hypothenemus eruditus* Westwood.***Rollinia orthopetala****Coccotrypes carpophagus* (Hornung).***Rollinia* spp.***Xylosandrus compactus* (Eichhoff).***Rosa* spp.***Cnesinus elegans* Blandford, *Xyleborus dispar* (Fabricius).***Roupala complicata****Araptus vinnulus* Wood.***Roupala* spp.***Araptus furvenscens* Wood, *Araptus furvus* Wood.***Rubus* spp.***Cnesinus elegans* Blandford, *Cnesinus fulgens* Wood, *Cnesinus lucaris* Wood, *Corthylocorus mexicanus* (Schedl), *Corthylus additus* Wood, *Cryphalus balanopselaphus* Eggers, *Hypothenemus erectus* LeConte,

- Micracisella nitidula* Wood, *Tricholus aciculatus* Wood, *Xylosandrus compactus* (Eichhoff).
- Rudgea amazonica**
Xyleborus spinulosus Blandford.
- Rumex spp.**
Cyrtogenius nublungensis (Schedl).
- Sabal bermudana**
Coccotrypes dactyliperda (Fabricius).
- Sabal palmetto**
Coccotrypes carpophagus (Hornung).
- Sabia parviflora**
Hypothenemus seriatus (Eichhoff).
- Sabina chinensis**
Phloeosinus hopchi Schedl, *Phloeosinus perlatus* Chapuis, *Phloeosinus shensi* Tsai & Yin.
- Saccharum officinarum**
Xyleborus affinis Eichhoff, *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky).
- Saccharum spontaneum**
Hypothenemus baubaniac Schedl, *Hypothenemus eruditus* Westwood, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus volutus* (Fabricius).
- Sacoglothia procera**
Phelloterus anaxeus Wood, *Platypus nudatus* Wood, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).
- Sacoglothia spp.**
Phelloterus atrocis Wood.
- Sagraea elliptica**
Crossotarsus andamanus Beeson.
- Sagraea laurina**
Xylosandrus crassiusculus (Motschulsky).
- Sahaja jahara**
Sphaerotrypes bengalensis Wood.
- Salacia erecta**
Mimiocurus kikuseae (Schedl), *Mimiocurus rugicollis* (Schedl).
- Salix babylonica**
Hypothenemus californicus Hopkins.
- Salix caprea**
Trypophloeus binodulus (Ratzeburg).
- Salix fragilis**
Trypophloeus binodulus (Ratzeburg).
- Salix guatemalensis**
Corthylus papulans Eichhoff, *Micracis grandis* Schedl.
- Salix nigra**
Trischidius atomus (Hopkins).
- Salix sachalinensis**
Trypophloeus dejevi Stark.
- Salix scouleriana**
Procrpyphalus utahensis Hopkins, *Trypophloeus striatulus* (Mannerheim).
- Salix silesiaca**
Trypophloeus rybinskii Reitter.
- Salix spp.**
Ambrosiodonus lewisi (Blandford), *Corthylus mexicanus* Schedl, *Cryphalus exiguus* Blandford, *Hylocurus hirtellus* (LeConte), *Hylocurus microcornis* Wood, *Hypothenemus columbi* Hopkins, *Hypothenemus seriatus* (Eichhoff), *Lymanator alaskanus* Wood, *Lymanator decipiens* (LeConte), *Micracis carinulatus* Wood, *Micracis detentus* Wood, *Micracis swainei* Blackman, *Micracis tribulatus* Wood, *Micracisella knulli* (Blackman), *Microcorthylus vicinus* Wood, *Procrpyphalus utahensis* Hopkins, *Scolytus schetyrevi* Semenov, *Scolytus scolytus* (Fabricius), *Taphrorychus machnoskii* (Sokanovskii), *Trypophloeus binodulus* (Ratzeburg), *Trypophloeus niger* Stark, *Trypophloeus salicis* Hopkins.
- Salix tetrasperma**
Scolytoplatypus mininus Hagedorn, *Xyleborus haberkorni* Eggers.
- Salmalia insignis**
Eucallacea andamanensis (Blandford), *Eucallacea interjectus* (Blandford), *Platypus indicus* Strohmeier, *Platypus quadrifissilis* Schedl, *Xyleborus cognatus* Blandford.
- Salmalia malabarica**
Ambrosiodonus minor (Stebbing), *Crossotarsus minax* (Walker), *Eucallacea andamanensis* (Blandford), *Eucallacea fornicatus* (Eichhoff), *Eucallacea interjectus* (Blandford), *Platypus cactus* Strohmeier, *Platypus indicus* Strohmeier, *Platypus latifinis* Walker, *Platypus solidus* Walker, *Platypus uncinatus* Blandford.
- Samanea saman**
Doliopygus chapuisi (Duvivier), *Hypothenemus eruditus* Westwood, *Platypus suffodiens* Sampson, *Xyleborus perforans* (Wollaston), *Xyleborinus andrevesi* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborus spinulosus* Blandford.
- Samanea spp.**
Eucallacea fornicatus (Eichhoff), *Xylosandrus compactus* (Eichhoff).
- Sambucus canadensis**
Hypothenemus eruditus Westwood, *Xylosandrus compactus* (Eichhoff).
- Sambucus chinensis**
Xylosandrus crassiusculus (Motschulsky).
- Sambucus javanica**
Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).
- Sambucus spp.**
Pityophthorus coronarius Blackman, *Pityophthorus exquisitus* (Blackman), *Pityophthorus pudicus* Blackman, *Pityophthorus sambuci* Blackman, *Xylosandrus compactus* (Eichhoff).
- Sandoricum spp.**
Xylosandrus crassiusculus (Motschulsky).
- Santalum album**
Xyleborus similis Ferrari.
- Santalum spp.**
Ficicis despectus (Walker), *Xylosandrus compactus* (Eichhoff).
- Santiria griffithii**
Crossotarsus terminatus Chapuis, *Cyclorhipidion foersteri* (Hagedorn), *Cyclorhipidion pruinatum* (Blandford).
- Santiria spp.**
Crossotarsus cliens (Schedl).
- Santiria trimera**
Chaetastus montanus Schedl, *Doliopygus santiriae* Roberts, *Platypus santiriae* Roberts, *Trioastus caliginosus* Roberts.
- Sapindus oahuensis**
Xyleborus lanaiensis Perkins.
- Sapium baccatum**
Platypus lunatipennis Schedl, *Platypus westwoodi* Chapuis.
- Sapium biloculare**
Cnemomyx confinis (Wood).

Sapium ellipticum

Xyleborus scobinatus Hagedorn.

Sapium eugeniaefolium

Crossotarsus bouvoldi Chapuis, *Eucallacea andamanensis* (Blandford), *Eucallacea sibsagaricus* (Eggers), *Eucallacea tristis* (Eggers), *Eucallacea wallacei* (Blandford), *Xyleborinus subgranulatus* (Eggers).

Sapium guineense

Xyleborus volvulus (Fabricius).

Sapium mannianum

Doliopygus dubius (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus serratus* (Strohmeyer), *Pityophthorus kiruensis* Schedl, *Platypus solutus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus principalis* Eichhoff.

***Sapium* spp.**

Chaetastus tuberculatus (Chapuis).

Sapium thelocarpum

Scolytodes pumilus Wood.

Sapota gonocarpa

Dendrocanulus brasiliensis (Schedl).

Saraca indica

Cryptocarenum diadematus Eggers.

***Saraca* spp.**

Eucallacea andamanensis (Blandford), *Leptoxyleborus concisus* (Blandford), *Platypus pseudocupulatus* Schedl.

Sarcocephalus cordatus

Diapus quinquespinnatus Chapuis, *Eucallacea interjectus* (Blandford), *Platypus lepidus* Chapuis, *Xyleborus emarginatus* Eichhoff, *Xyleborus fischeri* Hagedorn, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

***Sarcocephalus* spp.**

Platypus bajulus Schedl, *Premnobius cavipennis* Eichhoff, *Premnobius sexspinosus* Eggers, *Xyleborus alluaudi* Schauffuss, *Xyleborus nitidulus* Eggers.

Sarcocephalus trillesii

Cylindropalpus laudatus (Schedl), *Doliopygus conradi* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus eruditus* Westwood, *Pericommatulus longicollis* Chapuis, *Platypus hintzi* Schauffuss, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

Sarcostemma clausum

Araptus dentifrons Wood.

Sarothamnus scoparius

Phloeotribus rhododactylus (Marsham).

Sassafras albidum

Xyleborus sayi (Hopkins).

***Sassafras* spp.**

Corthylus punctatissimus (Zimmermann).

Saurauia pentapetala

Hadrodemius comans (Sampson).

Scaevola frutescens

Scolytogenes nubilus (Wood).

Scaphium affine

Crossotarsus wallacei (Thomson), *Eucallacea fornicatus* (Eichhoff), *Platypus geminatus* Chapuis, *Platypus insularis* Strohmeyer, *Platypus quadrifissilis* Schedl.

***Scaphium* spp.**

Amasa striatotruncatus (Schedl), *Coptodryas nugax* (Schedl), *Crossotarsus terminatus* Chapuis, *Cyclorhi-*

pidion agnatum (Eggers), *Leptoxyleborus concisus* (Blandford), *Platypus westwoodi* Chapuis.

Schefflera aromatica

Cryphalus tenuis Schedl.

Schefflera manni

Triozastus caliginosus Roberts.

Schima cordatus

Platypus vethi Strohmeyer.

Schima noronhae

Crossotarsus edentatus Beeson, *Platypus biuncus* Blandford, *Platypus cavus* Strohmeyer, *Platypus signatus* Chapuis, *Platypus solidus* Walker.

***Schima* spp.**

Ambrosiodmus apicalis (Blandford), *Xyleborus seriatus* Blandford.

Schima superba

Ambrosiodmus rubricollis (Eichhoff), *Xyleborus pfeili* (Ratzeburg), *Xylosandrus discolor* (Blandford).

Schima wallichii

Platypus cactus Strohmeyer, *Platypus indicus* Strohmeyer, *Platypus solidus* Walker, *Xyleborus schoreae* (Stebbing).

***Schinus* spp.**

Eucallacea fornicatus (Eichhoff), *Xylosandrus compactus* (Eichhoff).

Schizolobium excelsum

Chaetastus tuberculatus (Chapuis).

***Schizolobium* spp.**

Xyleborus affinis Eichhoff.

***Schizomeria* spp.**

Platypus concentriporus Roberts, *Platypus valdephlebius* Roberts.

Schleichera oleosa

Diapus molossus Chapuis, *Eucallacea andamanensis* (Blandford), *Eucallacea fornicatus* (Eichhoff), *Platypus solidus* Walker, *Xylosandrus morigerus* (Blandford).

Schleichera trijuga

Hypothenemus crudiae (Panzer), *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston).

Schotia latifolia

Xyleborinus aemulus (Wollaston).

Schoutenia accrescens

Amasa versicolor (Sampson), *Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (Thomson).

Schoutenia mastersii

Crossotarsus siporanus Schedl.

Schoutenia ovata

Hypothenemus eruditus Westwood.

Sclerocarya biffra

Ambrosiodmus eichhoffi (Schreiner).

Sclerocarya birrea

Xyleborinus sclerocaryae (Schedl).

Sclerocarya caffra

Xyleborinus sclerocaryae (Schedl).

***Sclerocarya* spp.**

Ambrosiodmus eichhoffi (Schreiner).

Sclerosperma manni

Coccotrypes congopus Eggers, *Coccotrypes nigripes* Eggers.

Scolopia brownii

Platypus subgranosus Schedl.

Scorodocarpus borneensis

Cnestus aterrimus (Eggers).

Scorodophloeus zenkeri

Chaetastus tuberculatus (Chapuis), *Cylindropalpus affinis* Strohmeyer, *Cylindropalpus auricomans* (Schau-

fuss), *Cylindropalpus granulatus* (Schedl), *Cylindropalpus laudatus* (Schedl), *Dactylipalpus camerunus* Hagedorn, *Doliopygus chapuisi* (Duvivier), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus donisi* Schedl, *Doliopygus divaricus* (Schedl), *Doliopygus donisi* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus crichsoni* (Chapuis), *Doliopygus ghesquieri* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus lateralis* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus maynei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus notatus* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus submarginatus* Schedl, *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus eruditus* Westwood, *Periommatatus excisus* Strohmeyer, *Periommatatus grandis* Schedl, *Periommatatus inermis* Strohmeyer, *Periommatatus longicollis* Chapuis, *Periommatatus similis* Strohmeyer, *Periommatatus subrobustus* Schedl, *Platypus hintzi* Schaufuss, *Platypus inpressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus picinus* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus decellei* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Trachyostus tomentosus* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus polyalthiae* (Schedl), *Xyleborinus similans* (Eggers), *Xyleborinus spinipes* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus katangensis* Eggers, *Xyleborus picus* (Motschulsky), *Xyleborus ustus* Schedl, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Scottellia coriacea
Doliopygus obduensis Roberts.

Scutia commersonii
Hypothenemus scutiae (Schedl).

Scutia myrtina
Hypothenemus marshalli (Eggers), *Hypothenemus morigerus* (Schedl).

Seaforthia spp.
Coccotrypes dactyliperda (Fabricius).

Sechium edule
Cnesinus degener Wood, *Dendrocranulus declivis* Schedl, *Dendrocranulus gracilis* Wood, *Dendrocranulus limus* Wood, *Dendrocranulus mexicanus* Wood, *Dendrocranulus tardulus* Wood.

Semecarpus anacardium
Crossotarsus externedentatus (Fairmaire), *Xyleborinus artetriatus* (Eichhoff).

Semecarpus curtisii
Coccotrypes cinnamomi (Eggers).

Semecarpus gardneri
Amasa versicolor (Sampson), *Crossotarsus minax* (Walker), *Crossotarsus terminatus* Chapuis.

Semecarpus heterophylla
Platypus bimucus Blandford, *Platypus solidus* Walker.

Semecarpus merrillana
Xyleborus similis Ferrari.

Semecarpus spp.
Diapus quinquespinatus Chapuis.

Senecio erechthitoides
Xyleborinus forficuloides (Schedl).

Senecio erioneuron
Miniocurus ruwenzoriensis (Schedl).

Senecio spp.

Pityophthorus paulus Wood, *Thamnurgus senecionis* Schedl, *Thamnurgus wittei* Eggers.

Sequoia gigantea

Phloeosinus punctatus LeConte.

Sequoia sempervirens

Cryphalus pubescens Hopkins, *Phloeosinus cupressi* Hopkins, *Phloeosinus punctatus* LeConte, *Phloeosinus sequoiae* Hopkins.

Sequoia spp.

Phloeosinus bicolor (Brulle), *Phloeosinus thujae* (Perris).

Sericolea spp.

Diapus bilunatus Schedl.

Serjania mexicana

Cnesinus setulosus Blandford, *Stegomerus vulgaris* Wood.

Serjania racemosa

Hypothenemus crudiae (Panzer), *Micracisella serjaniae* Wood.

Serjania spp.

Bothrosternus foveatus (Blackman), *Bothrosternus hirsutus* Wood, *Bothrosternus truncatus* Eichhoff, *Cnesinus degener* Wood, *Cnesinus elegans* Blandford, *Cnesinus gracilis* Blandford, *Cnesinus retifer* Wood, *Cnesinus squamosus* Wood, *Corthylocorus debilis* Wood, *Cryptocarenum diadematus* Eggers, *Cryptocarenum lepidus* Wood, *Eupagiocerus ater* Eggers, *Hypothenemus brunneus* (Hopkins), *Hypothenemus columbi* Hopkins, *Hypothenemus erectus* LeConte, *Hypothenemus indigenus* Wood, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus plumeriae* (Nordlinger), *Hypothenemus seriatus* (Eichhoff), *Hypothenemus solocis* Wood, *Hypothenemus squamosus* (Hopkins), *Hypothenemus teretis* Wood, *Hypothenemus trivialis* Wood, *Mecopelmus zetecki* Blackman, *Micracisella divaricata* Wood, *Micracisella similis* Wood, *Micracisella squamata* Wood, *Micracisella striata* Wood, *Micracisella vescula* Wood, *Microcorthyus minimus* Schedl, *Scolytogenes knabi* (Hopkins), *Stegomerus mexicanus* Wood, *Stegomerus vulgaris* Wood, *Tricholus badius* Wood, *Xylosandrus curtulus* (Eichhoff).

Serjania triquetra

Phloeotribus opimus Wood, *Stegomerus vulgaris* Wood.

Sesbania spp.

Euwallacea xanthopus (Eichhoff), *Xyleborus alluaudi* Schaufuss, *Xyleborus principalis* Eichhoff.

Seyara spp.

Platypus agnatus Schedl.

Shiia sieboldii

Xyleborus pelliculosus Eichhoff, *Xyleborus volvulus* (Fabricius).

Shiia spp.

Leptoxyleborus concisus (Blandford).

Shorea acuminata

Cnestus aterrimus (Eggers), *Dendroplatypus impar* (Schedl), *Dryocoetius nitidus* (Schedl), *Xyleborus bidentatus* (Motschulsky), *Xyleborus volvulus* (Fabricius).

Shorea assamica

Diapus quinquespinatus Chapuis, *Euwallacea andamanensis* (Blandford), *Euwallacea interjectus* (Blandford), *Genyocerus diaphanus* (Schedl), *Platypus bisignatus* Schedl, *Platypus shoreanus* (Beeson), *Sphaerotrypes siwalikensis* Stebbing, *Xyleborus perforans* (Wollaston).

Shorea balanocarpoides

Arixyleborus minor (Eggers), *Arixyleborus suturalis* (Eggers), *Webbia quattuordecimspiniatus* Sampson, *Xyleborus ciliatoformis* Schedl, *Xyleborus latus* Eggers.

Shorea bentongensis

Diapus quinquespinatus Chapuis, *Platypus bifurcus* (Schedl), *Platypus curtus* Chapuis, *Platypus lunifer* Schedl.

Shorea bracteolata

Cnestus bicornis (Eggers), *Cyclorhipidion agnatum* (Eggers), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Genyocerus quadriporus* (Schedl), *Genyocerus serratus* (Schedl), *Hadrodemius comans* (Sampson), *Platypus bifurcus* (Schedl), *Platypus insularis* Strohmeyer, *Platypus shoreanus* (Beeson), *Webbia bicornis* (Schedl), *Xyleborus perforans* (Wollaston), *Xylosandrus ater* (Eggers), *Xylosandrus gravidus* (Blandford), *Xylosandrus mancus* (Blandford).

Shorea curtisii

Amasa versicolor (Sampson), *Coptodryas confusa* (Hopkins), *Coptodryas nugax* (Schedl), *Coptodryas perparva* (Sampson), *Cryptoxyleborus subnaevus* Schedl, *Dendroplatypus impar* (Schedl), *Webbia bituberculatus* Browne, *Webbia duodecimspiniatus* Schedl, *Xyleborus minutus* Blandford, *Xylosandrus crassiusculus* (Motschulsky).

Shorea dasphylla

Dendroplatypus impar (Schedl), *Platypus bifurcus* (Schedl), *Xylosandrus mediocris* (Schedl).

Shorea exima

Taphrodasus percorthylus (Schedl).

Shorea faquetiana

Baiocis angusticeps (Schedl), *Diapus quinquespinatus* Chapuis, *Platypus curtus* Chapuis, *Platypus pseudocurtus* Schedl, *Platyarsulus elongatus* Schedl.

Shorea guiso

Platypus cupulatus Chapuis, *Platypus insularis* Strohmeyer, *Xylosandrus crassiusculus* (Motschulsky).

Shorea gysbertsiana

Cryphalus rugosus (Schedl), *Cryptoxyleborus opacicaudulus* Schedl, *Ptilopodius squamosus* Schedl, *Xyleborinus micrographus* (Schedl).

Shorea hypochra

Genyocerus diaphanus (Schedl).

Shorea kunstleri

Diapus pusillimus Chapuis, *Diapus quinquespinatus* Chapuis.

Shorea laevis

Baiocis pasohensis (Schedl), *Genyocerus exilis* (Schedl), *Genyocerus serratus* (Schedl), *Xyleborus triangi* Schedl.

Shorea lepidota

Dendroplatypus impar (Schedl).

Shorea leprosula

Amasa versicolor (Sampson), *Amasa striatotruncatus* (Schedl), *Arixyleborus granulifer* (Eggers), *Arixyleborus leprosolus* Schedl, *Arixyleborus minor* (Eggers), *Arixyleborus scabripennis* (Blandford), *Arixyleborus suturalis* (Eggers), *Baiocis permanulus* (Schedl), *Cnestus bicornis* (Eggers), *Coccotrypes subcubrosus* (Blandford), *Coptodryas abbreviata* (Schedl), *Coptodryas corporaali* (Eggers), *Coptodryas curvidentis* (Schedl), *Coptodryas nugax* (Schedl), *Coptodryas undulata* (Sampson), *Crossotarsus brownei* Schedl, *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus squamulatus* Chapuis, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Cryptoxyleborus confusus* Browne, *Cryptoxyleborus opacicaudulus* Schedl,

Cyclorhipidion agnatum (Eggers), *Cyclorhipidion arnaticeps* (Schedl), *Cyclorhipidion foersteri* (Hagedorn), *Dendroplatypus impar* (Schedl), *Diapus pusillinus* Chapuis, *Diapus quinquespinatus* Chapuis, *Eccoptopterus gracilipes* (Eichhoff), *Eccoptopterus limbus* Sampson, *Eccoptopterus spinosus* (Olivier), *Euwallacea xanthopis* (Eichhoff), *Ficicis javanus* (Eggers), *Genyocerus biporus* (Schedl), *Genyocerus diaphanus* (Schedl), *Genyocerus laticollis* (Browne), *Genyocerus philippinensis* (Schedl), *Genyocerus serratus* (Schedl), *Hadrodemius comans* (Sampson), *Hypothenemus cuneolus* (Schedl), *Hypothenemus eruditus* Westwood, *Leptoxyleborus concisus* (Blandford), *Platypus bifurcus* (Schedl), *Platypus bilopennis* Schedl, *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Platypus forficula* Chapuis, *Platypus fraterculus* Schedl, *Platypus hybridus* Schedl, *Platypus impressifrons* Schedl, *Platypus insulindicus* Schedl, *Platypus lepidus* Chapuis, *Platypus pseudocurtus* Schedl, *Platypus quadrifissilis* Schedl, *Platypus solidus* Walker, *Schedlia sumatranus* (Hagedorn), *Sphaerotrypes minutus* Browne, *Taphrodasus percorthylus* (Schedl), *Webbia biformis* Browne, *Webbia cornutus* Schedl, *Webbia cylindricus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborus apertus* Schedl, *Xyleborus approximatus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus javanus* Eggers, *Xyleborus kajanensis* Schedl, *Xyleborus latus* Eggers, *Xyleborus major* (Stebbing), *Xyleborus perforans* (Wollaston), *Xyleborus semistriatus* Schedl, *Xylosandrus ater* (Eggers), *Xylosandrus difficilis* (Eggers), *Xylosandrus mancus* (Blandford), *Xylosandrus morigerus* (Blandford).

Shorea macroptera

Amasa versicolor (Sampson), *Arixyleborus suturalis* (Eggers), *Coptodryas nugax* (Schedl), *Coptodryas perparva* (Sampson), *Cryptoxyleborus opacicaudulus* Schedl, *Cyclorhipidion agnatum* (Eggers), *Dendroplatypus impar* (Schedl), *Genyocerus serratus* (Schedl), *Hypothenemus eruditus* Westwood, *Ptilopodius shoreae* Schedl, *Webbia cornutus* Schedl, *Webbia cylindricus* Schedl, *Webbia micrographus* (Schedl), *Xyleborus approximatus* Schedl, *Xyleborus macropterus* Schedl, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus difficilis* (Eggers), *Xylosandrus mancus* (Blandford).

Shorea materialis

Xyleborus perforans (Wollaston).

Shorea maxwelliana

Coptodryas perparva (Sampson), *Crossotarsus squamulatus* Chapuis, *Genyocerus diaphanus* (Schedl), *Genyocerus philippinensis* (Schedl), *Genyocerus serratus* (Schedl), *Hadrodemius comans* (Sampson), *Platypus cupulatus* Chapuis, *Platypus pseudocupulatus* Schedl, *Webbia bituberculatus* Browne, *Webbia duodecimspiniatus* Schedl, *Webbia suturalis* Browne, *Xyleborus cylindromorphus* Eggers, *Xyleborus haberkorni* Eggers, *Xyleborus punilus* Eggers, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus mancus* (Blandford).

Shorea multiflora

Coptodryas confusa Hopkins.

Shorea negrosensis

Platypus bifurcus (Schedl).

Shorea ovalis

Amasa versicolor (Sampson), *Arixyleborus granulifer* (Eggers), *Arixyleborus scabripennis* (Blandford), *Cnestus bicornis* (Eggers), *Crossotarsus externedentatus* (Fairmaire), *Dendroplatypus impar* (Schedl),

Leptoxyleborus concisus (Blandford), *Platypus cupulatus* Chapuis, *Xyleborinus andreweesi* (Blandford), *Xyleborus macropterus* Schedl, *Xylosandrus difficilis* (Eggers).

Shorea ovata

Coptodryas perparva (Sampson), *Cryptoxyleborus opacicaudulus* Schedl, *Platypus balanocarpus* Schedl, *Xyleborus haberkorni* Eggers, *Xylosandrus manicus* (Blandford).

Shorea paniculata

Ptilopodius squamosus Schedl.

Shorea parvifolia

Amasa versicolor (Sampson), *Arixyleborus scabripennis* (Blandford), *Coptodryas confusa* Hopkins, *Coptodryas quadricostata* (Schedl), *Crossotarsus terminatus* Chapuis, *Cryptoxyleborus nanus* Browne, *Cyclorhipidion sexspinationum* (Schedl), *Dendroplatypus impar* (Schedl), *Diapus quinquespinatus* Chapuis, *Genyocerus biporus* (Schedl), *Genyocerus quadriporus* (Schedl), *Platypus balanocarpus* Schedl, *Platypus bifurcus* (Schedl), *Platypus bilobipennis* Schedl, *Platypus curtus* Chapuis, *Platypus pseudocupulatus* Schedl, *Ptilopodius squamosus* Schedl, *Sphaerotrypes rufopalliatatus* Schedl, *Webbia obtusispinosus* Schedl, *Xyleborus javanus* Eggers, *Xyleborus persimilis* Eggers.

Shorea pauciflora

Dendroplatypus impar (Schedl), *Platypus bilobipennis* Schedl, *Platypus curtus* Chapuis, *Platypus pseudocupulatus* Schedl.

Shorea platycarpa

Cryptoxyleborus subnaevus Schedl, *Dendroplatypus impar* (Schedl).

Shorea robusta

Amasa schlichii (Stebbing), *Ambrosiodmus minor* (Stebbing), *Coccotrypes carpophagus* (Hornung), *Coccotrypes nubilus* (Blandford), *Coptodryas elegans* (Sampson), *Coptodryas perparva* (Sampson), *Coptodryas recidens* (Sampson), *Coptodryas undulata* (Sampson), *Crossotarsus bonvouloiri* Chapuis, *Crossotarsus externedentatus* (Fairmaire), *Cryptoxyleborus turbineus* (Sampson), *Diapus quinquespinatus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Euwallacea andamanensis* (Blandford), *Euwallacea aplanatus* (Wichmann), *Euwallacea bicolor* (Blandford), *Euwallacea interjectus* (Blandford), *Genyocerus furtivus* (Sampson), *Platypus cavus* Strohmeier, *Platypus cupulatus* Chapuis, *Platypus curtatus* Sampson, *Platypus curtus* Chapuis, *Platypus perrisi* Chapuis, *Platypus solidus* Walker, *Sphaerotrypes globulus* Blandford, *Sphaerotrypes siwalikensis* Stebbing, *Webbia pabo* Sampson, *Xyleborinus andreweesi* (Blandford), *Xyleborinus artistriatus* (Eichhoff), *Xyleborus glabratus* Eichhoff, *Xyleborus haberkorni* Eggers, *Xyleborus major* (Stebbing), *Xyleborus mucronatulus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus mesuae* (Eggers).

Shorea rugosa

Cyclorhipidion kelantanum (Schedl), *Xyleborus perforans* (Wollaston), *Xyleborus persimilis* Eggers.

Shorea scabrida

Cyclorhipidion tuberculosissimum (Eggers).

Shorea scutulata

Ambrosiodmus lantanae (Eggers), *Xyleborus latecarnatus* Schedl.

Shorea sericea

Platypus curtus Chapuis, *Xyleborus macropterus* Schedl.

Shorea sideroxylon

Cryphalus substriatus Schedl.

Shorea singkawang

Dendroplatypus impar (Schedl), *Diapus pusillimus* Chapuis, *Platypus bifurcus* (Schedl), *Platypus shoreanus* (Beeson).

Shorea spp.

Amasa schlichii (Stebbing), *Ambrosiodmus restrictus* (Schedl), *Arixyleborus medius* (Eggers), *Arixyleborus okadai* Browne, *Arixyleborus rugosipes* Hopkins, *Arixyleborus scabripennis* (Blandford), *Cnestus suturalis* (Eggers), *Coccotrypes gedeanus* (Eggers), *Coptodryas alpha* (Beeson), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Cryptoxyleborus naevus* Schedl, *Cryptoxyleborus nanus* Browne, *Cryptoxyleborus shoreae* Browne, *Cryptoxyleborus subnaevus* Schedl, *Cyclorhipidion agnatum* (Eggers), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Eccoptopterus sagittarius* Schedl, *Euwallacea fornicatus* (Eichhoff), *Genyocerus serratus* (Schedl), *Genyocerus sexporus* (Schedl), *Genyocerus shoreae* Browne, *Hadrodemus comans* (Sampson), *Leptoxyleborus concisus* (Blandford), *Leptoxyleborus puer* (Eggers), *Leptoxyleborus scabrior* (Schedl), *Platypus agnatus* Schedl, *Platypus arduus* (Schedl), *Platypus bicaudatus* Browne, *Platypus bifurcus* (Schedl), *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Platypus decens* Sampson, *Platypus emarginatus* Browne, *Platypus franciae* Browne, *Platypus histrix* (Schedl), *Platypus longicollis* Browne, *Platypus octospinosus* Browne, *Platypus pseudocupulatus* Schedl, *Platypus punilus* Browne, *Platypus subtruncatus* Browne, *Platypus suzukii* Browne, *Platypus transformis* Schedl, *Platypus uncinatus* Blandford, *Scolytplatypus parvus* Sampson, *Sphaerotrypes inermis* Browne, *Webbia bakoensis* Browne, *Webbia cylindricus* Schedl, *Webbia dasyurus* Browne, *Webbia dipterocarpi* Hopkins, *Webbia multidentatus* Browne, *Webbia platypoides* Eggers, *Webbia quattuordecimspinosus* Sampson, *Webbia simplex* (Browne), *Xyleborus abscissus* Browne, *Xyleborus amphicranoides* Hagedorn, *Xyleborus dolosus* Blandford, *Xyleborus excavus* Schedl, *Xyleborus fallax* Eichhoff, *Xyleborus granurus* Browne, *Xyleborus amplexicauda* Hagedorn, *Xyleborus decumans* Schedl, *Xyleborus javanus* Eggers, *Xyleborus latus* Eggers, *Xyleborus minutus* Blandford, *Xyleborus nigrescens* Browne, *Xyleborus obiensis* Browne, *Xyleborus perforans* (Wollaston), *Xyleborus pseudopilifer* Schedl, *Xyleborus pseudocylindricus* Eggers, *Xyleborus shoreae* (Stebbing), *Xyleborus sichus* Schedl, *Xyleborus trispinatus* Browne, *Xyleborus tuberculosus* Browne, *Xyleborus tunggali* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus difficilis* (Eggers), *Xylosandrus manicus* (Blandford).

Shorea sumatrana

Cnestus bicornoides (Schedl), *Cnestus bicornis* (Eggers), *Xyleborinus perminutissimus* (Schedl), *Xyleborus javanus* Eggers, *Xylosandrus ater* (Eggers), *Xylosandrus compactus* (Eichhoff), *Xylosandrus manicus* (Blandford).

Shorea talura

Diaprus talurae Stebbing, *Genyocerus furtivus* (Sampson), *Xyleborinus* and *andrecsi* (Blandford).

Shorea teysmanniana

Dendroplatypus impar (Schedl).

Shorea uliginosa

Arixyleborus scabripennis (Blandford), *Cyclorhipidion agnatum* (Eggers), *Dendroplatypus impar* (Schedl), *Leptoxyleborus depressus* (Eggers), *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Tetroplatypus trepanatus* (Chapuis), *Xyleborus apertus* Schedl, *Xyleborus perforans* (Wollaston).

Sicydium tannifolium

Dendrocranus consimilis Wood.

Sida rhombifolia

Hypothenemus crudiae (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Hypothenemus seriatus* (Eichhoff), *Thamnurgus granulicollis* Schedl, *Xylocleptes sidanus* (Schedl).

Sideroxylon inerme

Xyloctonus maculatus Schedl.

Sideroxylon longepetiolatum

Scolytomimus andamanensis Wood.

Sideroxylon macranthum

Eucallacea bicolor (Blandford), *Xyleborus piceus* (Motschulsky), *Xyleborus similis* Ferrari.

Sideroxylon sandwicensis

Crossotarsus externedentatus (Fairmaire).

Sideroxylon spp.

Chaetastus montanus Schedl.

Simaruba amara

Xyleborus ferrugineus (Fabricius).

Sindora siamensis

Acacis trahax (Sampson).

Sindora spp.

Diaprus quinquespinatus Chapuis, *Platypus forficula* Chapuis, *Platypus sindorae* Browne.

Siparuna guianensis

Pericoryphalus sobrinus Wood.

Siparuna nicaraguensis

Corthyecyclon aztecum (Bright), *Corthyecyclon tardum* Wood, *Corthylus procerus* Bright, *Corthylus serratus* Wood, *Corthylus villifer* Wood, *Microcorthylus inermis* Wood, *Microcorthylus ocellaris* Wood, *Tricolus inornatus* Wood, *Tricolus senex* Schedl.

Sloanea forbesii

Platypus jansoni Chapuis, *Platypus solidus* Walker.

Sloanea multiflora

Xyleborinus intersetosus (Blandford), *Xyleborus affinis* Eichhoff, *Xyleborus geayi* Hagedorn.

Sloanea spp.

Diaprus pusillimus Chapuis, *Xyleborus parcellus* Wood.

Sloetia elongata

Crossotarsus externedentatus (Fairmaire), *Cryphalus substriatus* Schedl, *Hypocryphalus perminimus* (Schedl), *Leptoxyleborus concisus* (Blandford).

Smilax aspera

Chaetoptelius vestitus (Mulsant & Rey).

Smilax china

Cryphalus jeholensis Murayama, *Xylosandrus brevis* (Eichhoff).

Smilax spp.

Chramesus exilis Wood, *Cnesinus strigicollis* LeConte, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood.

Smithia thymodora

Eucallacea xanthopus (Eichhoff).

Solanum aculeastrum

Coptoborus usagarius (Eggers), *Cyrtogenius mulungensis* (Schedl), *Eucallacea xanthopus* (Eichhoff), *Xyleborinus collarti* (Eggers), *Xyleborus piceus* (Motschulsky), *Xyleborus principalis* Eichhoff.

Solanum flamigni

Eucallacea xanthopus (Eichhoff).

Solanum spp.

Eucallacea xanthopus (Eichhoff), *Xylosandrus compactus* (Eichhoff).

Solanum torcum

Corthylus comatus Blandford, *Corthylus retusus* Wood.

Sonneratia apelata

Platypus maritimus Schedl, *Xyleborus bidentatus* (Motschulsky).

Sophora japonica

Ambrosiodinus rubricollis (Eichhoff), *Hypothenemus eruditus* Westwood, *Xylosandrus discolor* (Blandford).

Sorbus alnifolia

Xyleborus dispar (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Sorbus aucuparia

Pteleobius kraatzii (Eichhoff).

Sorbus commixta

Cryphalus malus Niisima, *Polygraphus nigriclytris* Niisima, *Scolytus ellipticus* Murayama.

Sorbus spp.

Scolytus mali (Bechstein), *Scolytus rugulosus* (Muller), *Trypodendron domesticum* (Linnaeus).

Sorghum saccharatum

Hypothenemus eruditus Westwood.

Sorindeia lemairei

Doliopygus conradi (Strohmeyer), *Polygraphus tropicus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus solutus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

Sorocea illicifolia

Premnobius cavipennis Eichhoff.

Spartium junceum

Liparthrum genistae (Aube), *Phloeotribus cristatus* (Favet), *Phloeotribus pseudocristatus* (Pfeffer), *Phloeotribus rhododactylus* (Marsham), *Phloeotribus sharpi* (Guillebeau).

Spartium scoparium

Hylastinus obscurus (Marsham).

Spartocystus nubigenus

Liparthrum curtum Wollaston.

Spathodea campanulata

Doliopygus erichsoni (Chapuis), *Micocryphalus attenuatus* (Eggers).

Sphaeracula fasciculata

Pseudothysanoc bartoni Bruck.

Spherostenon spp.

Diaprus elongatus Schedl, *Diaprus turgidus* Roberts.

Spirostachys africana

Styracoptinus murex (Blandford).

Spirostachys spp.

Scolytogenes spirostachius (Schedl).

Spondianthus preusii

Chaetastus tuberculatus (Chapuis), *Diaprus quinquespinatus* Chapuis, *Doliopygus dubius* (Sampson), *Hypothenemus morio* (Eggers), *Xyleborus ferrugineus* (Fabricius).

Spondias dulcis

Xyleborus ferrugineus (Fabricius).

Spondias mangifera

Coccotrypes longior (Eggers), *Crossotarsus minax* (Walker), *Diaprus quinquespinatus* Chapuis, *Eucallacea interjectus* (Blandford), *Platypus forficula* Chapuis, *Platypus indicus* Strohmeyer, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Spondias mombin

Acanthotomicus analogus (Wood), *Acanthotomicus fortis* (Wood), *Acanthotomicus ipsiformis* Wood, *Acanthotomicus mimicus* (Schedl), *Corthylocurus aguacatenis* (Schedl), *Corthylus papulans* Eichhoff, *Doliopygus serratus* (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Styphlosoma granulatum* Blandford, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus morulus* Blandford, *Xyleborus piccus* (Motschulsky), *Xylosandrus laticeps* (Wood).

Spondias purpurea

Corthylocurus barbatus (Blandford), *Corthylus concisus* Wood, *Corthylus papulans* Eichhoff, *Microcorthylus parvulus* Ferrari, *Monarthrum bifoveatum* Wood, *Monarthrum fimbriaticorne* (Blandford), *Monarthrum lobatum* (Ferrari), *Monarthrum robustum* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus posticus* Eichhoff.

Spondias spp.

Crossotarsus externedentatus (Fairmaire), *Eucallacea fornicatus* (Eichhoff), *Platypus jansoni* Chapuis, *Platypus negatus* Schedl, *Xylosandrus compactus* (Eichhoff).

Stachys sylvatica

Thamurgus kaltenbachii (Bach).

Stachytarpheta spp.

Xylosandrus compactus (Eichhoff).

Staphylea trifolia

Phloeotribus scabricollis (Hopkins).

Staudtia gabonensis

Chortastus minimus Hagedorn, *Coccotrypes rotundicollis* (Eggers).

Staudtia stipitata

Chaetastus persimilis (Schedl), *Chaetastus tuberculatus* (Chapuis), *Chortastus camerunus* Schaufuss, *Chortastus medius* Eggers, *Chortastus minimus* Hagedorn, *Cylindropalpus laudatus* (Schedl), *Doliopygus artemisatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus ghesquieri* (Schedl), *Doliopygus interjectus* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Doliopygus woltschei* Schedl, *Hypothenemus eruditus* Westwood, *Periommatius excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Xyleborinus gracilipennis* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus nitidulus* Eggers, *Xyleborus rothkirchi* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Stephegyne diversifolia

Ptilopodius stephegymis Hopkins, *Xyleborus bidentatus* (Motschulsky).

Sterculia alata

Ambrosiodmus funereus (Lea), *Eucallacea interjectus* (Blandford), *Xyleborinus andrewesi* (Blandford), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus piccus* (Motschulsky).

Sterculia bequaertii

Chaetastus tuberculatus (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus expletus* Schedl, *Doliopygus ghesquieri* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus piceus* (Motschulsky).

Sterculia campanulata

Eucallacea interjectus (Blandford), *Platypus jansoni* Chapuis, *Platypus solidus* Walker, *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus pfeili* (Ratzeburg), *Xyleborus pumilus* Eggers, *Xyleborus similis* Ferrari.

Sterculia colorata

Eucallacea salsagarius (Eggers), *Eucallacea tristis* (Eggers), *Eucallacea wallacei* (Blandford), *Xylosandrus crassiusculus* (Motschulsky).

Sterculia dawei

Chaetastus tuberculatus (Chapuis).

Sterculia foetida

Platypus forficula Chapuis, *Platypus jansoni* Chapuis, *Platypus pseudocupulatus* Schedl.

Sterculia macropylla

Crossotarsus inermis Schedl, *Crossotarsus schedli* Browne, *Eucallacea xanthopus* (Eichhoff), *Ficicis despectus* (Walker), *Hypothenemus javanus* (Eggers), *Platypus lepidus* Chapuis, *Platypus pseudocupulatus* Schedl, *Platypus signatus* Chapuis, *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky).

Sterculia oblonga

Chaetastus tuberculatus (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Diaprus quinquespinatus* Chapuis, *Doliopygus expletus* Schedl, *Doliopygus rapax* (Sampson), *Periommatius pseudomajor* Schedl, *Platypus orientalis* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Sterculia ornata

Crossotarsus emorsus Beeson, *Eucallacea interjectus* (Blandford), *Platypus secretus* Sampson, *Xyleborus perforans* (Wollaston).

Sterculia pruriens

Hypothenemus teretis Wood.

Sterculia quinqueloba

Doliopygus serratus (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatius excisus* Strohmeyer, *Poligraphus bicolor* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xyleborus principalis* Eichhoff, *Xyleborus volvulus* (Fabricius).

Sterculia rhinopetala

Cylindropalpus auricomans (Schaufuss), *Doliopygus brevis* (Strohmeyer), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus malkini* Schedl, *Doliopygus pseudoserratus* Roberts, *Doliopygus tenuis* (Strohmeyer), *Periommatius excisus* Strohmeyer, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Trachyostus aterrimus* (Schaufuss), *Triozastus banghaasi* (Schaufuss), *Xyleborinus similans*

(Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus bartunbuensis* Eggers.

Sterculia spp.

Ambrosiodmus tropicus (Hagedorn), *Arixyleborus medius* (Eggers), *Diaprus nanodontus* Roberts, *Diaprus nanus* Schedl, *Diaprus papuanus* Schedl, *Diaprus pusillinus* Chapuis, *Dryocoetoides cristatus* (Fabricius), *Eucallacea fornicatus* (Eichhoff), *Hypothenemus cruditus* Westwood, *Platypus jansoni* Chapuis, *Platypus cereclunatus* (Beeson), *Premnobius cavipennis* Eichhoff, *Scolytotplatypus occidentalis* Browne, *Xyleborus piceus* (Motschulsky).

Sterculia tragacantha

Doliopygus conradti (Strohmeyer), *Xyleborus alluaudi* Schauffuss, *Xyleborus piceus* (Motschulsky).

Sterculia urceolata

Platypus signatus Chapuis.

Sterculia villosa

Eucallacea interjectus (Blandford), *Platypus quadrifissilis* Schedl, *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston), *Xyleborus punilus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Stereospermum chelenoides

Platypus solidus Walker.

Stereospermum neuranthum

Leptoxyleborus sordicauda (Motschulsky).

Stereospermum spp.

Leptoxyleborus sordicauda (Motschulsky).

Stereospermum suaveolens

Scolytogenes indicus Wood.

Storckia spp.

Cryphalus striatus Browne.

Straussia spp.

Xyleborus ferrugineus (Fabricius), *Xyleborus perforans* (Wollaston).

Streblus elongatus

Hadrodennius comans (Sampson).

Strombosia glaucescens

Chaetastus persimilis (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus brevis* (Strohmeyer), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquierei* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus propinquus* Schedl, *Doliopygus semipilosus* (Schedl), *Periommatatus excisus* Strohmeyer, *Periommatatus grandis* Schedl, *Periommatatus longicollis* Chapuis, *Platypus hintzi* Schauffuss, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus parallelus* (Fabricius), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Strombosia grandifolia

Ambrosiodmus ovatus (Eggers), *Chaetastus tuberculatus* (Chapuis), *Doliopygus lecomtei* Schedl, *Doliopygus maynei* Schedl, *Doliopygus proximus* Schedl, *Xylocleptes sidanus* (Schedl).

Strombosia javanica

Anasa versicolor (Sampson), *Coptodryas nugax* (Schedl).

Strombosia pustulata

Chaetastus tuberculatus (Chapuis), *Ctonoxylon spathi-*

fer Schedl, *Doliopygus guineensis* Roberts, *Doliopygus interjectus* Schedl, *Periommatatus abruptus* Nunberg, *Triozastus banghaasi* (Schauffuss), *Triozastus elongatus* Schedl, *Xyleborus ambasiusculus* Eggers.

Strombosia scheffleri

Dactylipalpus grouvellei (Blandford), *Doliopygus bidentatus* (Strohmeyer), *Doliopygus bilobatus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus maynei* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus proximus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Platypus impressus* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Thammurgus granulicollis* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus ferrugineus* (Fabricius).

Strombosia spp.

Ambrosiodmus obliquus (LeConte), *Premnobius nodulosus* Hagedorn, *Tiarophorus decellei* Browne, *Triozastus caliginosus* Roberts.

Strombosia tetrandia

Cylindropalpus interpositus (Schedl), *Doliopygus citri* Schedl.

Strombosioipsis spp.

Ambrosiodmus tropicus (Hagedorn).

Strombosioipsis tetrandia

Chaetastus tuberculatus (Chapuis), *Cylindropalpus auricomans* (Schauffuss), *Dendrochilus strombosioipsis* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus strombosioipsis* Schedl, *Doliopygus spectabilis* Schedl, *Eucallacea xanthopus* (Eichhoff), *Platypus hintzi* Schauffuss, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus piceus* (Motschulsky), *Xyleborus strombosioipsis* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

Struthanthus deppeanus

Chaetophloeus struthanthi Wood.

Struthanthus spp.

Cnesinus elegans Blandford, *Cryptocarenum spatulatus* Wood.

Struthanthus venetus

Chaetophloeus struthanthi Wood, *Micracisella monadis* Wood, *Pseudothyranos vallatus* Wood.

Strychnos decussata

Scolytogenes grobleri (Schedl).

Strychnos nux-vomica

Eucallacea andamanensis (Blandford).

Strychnos spp.

Premnobius cavipennis Eichhoff.

Stuartia monodelpha

Platypus calamus Blandford, *Xyleborus atratus* Eichhoff.

Styrax benzoin

Coccotrypes variabilis (Beeson), *Coptodryas recidens* (Sampson), *Crossotarsus fractus* Sampson, *Crossotarsus schedli* Browne, *Crossotarsus wallacei* (Thomson),

Hypothenemus glabripennis (Hopkins), *Hypothenemus styrax* (Schedl), *Platypus cupulatus* Chapuis, *Platypus pseudocupulatus* Schedl, *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus nancus* (Blandford).

Styrax formosanus

Platypus flectus Nisima & Murayama, *Platypus formosanus* Nisima & Murayama.

Styrax japonicum

Crossotarsus niponicus Blandford, *Platypus calamus* Blandford, *Trypodendron pulchellus* (Murayama), *Xyleborus aquilus* Blandford, *Xyleborus atratus* Eichhoff, *Xylosandrus germanus* (Blandford), *Xylosandrus mutilatus* (Blandford).

Styrax obassia

Xylosandrus borealis Nobuchii, *Xylosandrus brevis* (Eichhoff).

Sussonia spp.

Lanurgus podocarpi Schedl.

Swietenia macrophylla

Anasa versicolor (Sampson), *Arixyleborus suturalis* (Eggers), *Cnestus aterrimus* (Eggers), *Cnestus bicornioides* (Schedl), *Coccotrypes cyperi* (Beeson), *Coptodryas nuxax* (Schedl), *Crossotarsus externidentatus* (Fairmaire), *Crossotarsus fractus* Sampson, *Crossotarsus minax* (Walker), *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Eccoptopterus limbatus* Sampson, *Eccoptopterus sagittarius* Schedl, *Eccoptopterus spinosus* (Olivier), *Hadrodemius comans* (Sampson), *Hadrodemius globus* (Blandford), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Hypothenemus glabripennis* (Hopkins), *Platypus cavius* Strohmeier, *Platypus gerstaeckeri* Chapuis, *Platypus platypoides* (Browne), *Xyleborus approximatus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus haberkornii* Eggers, *Xyleborus javanus* Eggers, *Xyleborus quadrispinosulus* Eggers, *Xyleborus volutus* (Fabricius), *Xylosandrus ater* (Eggers), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus gravidus* (Blandford), *Xylosandrus nancus* (Blandford), *Xylosandrus morigerus* (Blandford), *Xylosandrus mutilatus* (Blandford), *Xylosandrus terminatus* (Eggers).

Swietenia mahagoni

Arixyleborus malayensis (Schedl), *Cnestus suturalis* (Eggers), *Euwallacea quadratocollis* (Eggers), *Scolytotplatypus eutomoides* Blandford, *Xyleborus affinis* Eichhoff, *Xyleborus haberkornii* Eggers, *Xyleborus metacuneolus* Eggers, *Xylosandrus compactus* (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus gravidus* (Blandford), *Xylosandrus nancus* (Blandford), *Xylosandrus morigerus* (Blandford).

Swietenia spp.

Cnestus magnus Sampson, *Coccotrypes variabilis* (Beeson), *Corthylus minutissimus* Schedl, *Hypothenemus dolosus* Wood, *Scolytodes guyanaensis* (Schedl), *Scolytodes spadix* (Blackman), *Scolytodes swieteniae* (Blackman), *Theoborus ricini* (Eggers), *Xylosandrus compactus* (Eichhoff).

Swintonia floribunda

Coccotrypes cyperi (Beeson), *Coccotrypes variabilis* (Beeson), *Coccotrypes vulgaris* (Eggers), *Coptodryas perparca* (Sampson), *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Platypus ovatus* Strohmeier, *Platypus solidus* Walker, *Xyleborus fallax* Eichhoff.

Swintonia specifera

Eccoptopterus limbatus Sampson, *Platypus ovatus* Strohmeier, *Xylosandrus crassiusculus* (Motschulsky).

Syagrus weddellium

Coccotrypes dactyliperda (Fabricius).

Syderoxylon spp.

Mitosoma odonticeps Schedl.

Symingtonia populnea

Diapus spatulifer Browne, *Euwallacea andamanensis* (Blandford).

Symphonia clusoides

Polygraphus amoenus (Schaufuss).

Symphonia globulifera

Dactylipalpus grouvellei (Blandford), *Euwallacea xanthopus* (Eichhoff), *Phrixosoma minor* Wood, *Phrixosoma obesa* Blackman, *Polygraphus majusculus* Schedl.

Symphonia spp.

Diapus malgassicus Schedl, *Mitosoma lobatum* Schedl, *Mitosoma obliquatum* Schedl, *Mitosoma obtusum* Schedl, *Mitosoma paulianum* Schedl, *Platypus madagascariensis* Chapuis, *Xyleborus sakalava* Schedl.

Symphonia urophylla

Polygraphus creber Schedl.

Symplocos loha

Ambrosiodinus asperatus (Blandford), *Xylosandrus arquatus* (Sampson).

Symplocos myrtacea

Platypus calamus Blandford.

Symplocos prunifolia

Xyleborus volutus (Fabricius).

Symplocos spp.

Ambrosiodinus apicalis (Blandford), *Diamerus curvifer* (Walker), *Leptoxyleborus punctatissimus* (Eichhoff), *Platypus signatus* Chapuis, *Xyleborus cancellatus* Eggers, *Xyleborus emarginatus* Eichhoff, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky).

Symplocos theaeefolia

Crossotarsus machili Beeson, *Cyclorhipidion hirtum* (Hagedorn), *Diapus spatulifer* Browne, *Euwallacea andamanensis* (Blandford), *Euwallacea wallacei* (Blandford), *Indocryphalus intermedius* (Sampson), *Platypus darjeelingensis* Schedl, *Scolytotplatypus darjeelingi* Stebbing, *Scolytotplatypus raja* Blandford, *Xyleborus eggersi* Beeson, *Xyleborus graveleyi* Wichmann, *Xyleborus hagedornianus* Schedl, *Xyleborus lineatus* Eggers.

Syncarpia spp.

Xylosandrus compactus (Eichhoff).

Synsepalum dulcificum

Doliopygus medius Schedl, *Periommatatus longicollis* Chapuis, *Xyleborus affinis* Eichhoff.

Synsepalum longecuneatum

Cylindropalpus interpositus (Schedl), *Cylindropalpus punilio* (Schedl), *Doliopygus minor* Schedl, *Hypothenemus concolor* Hagedorn, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss.

Synsepalum spp.

Ambrosiodinus tropicus (Hagedorn), *Cylindropalpus granulosus* (Schedl), *Premnobius cavipennis* Eichhoff.

Synsepalum subcordatum

Chaetastus tuberculatus (Chapuis), *Cylindropalpus pertinax* (Schedl), *Cylindropalpus pusillus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeier), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis*

(Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus macrolebii* (Eggers), *Hypothenemus solitarius* (Schedl), *Periommatatus excisus* Strohmeyer, *Periommatatus substriatus* Strohmeyer, *Phrixosoma psaltes* (Hagedorn), *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Triozastrus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus annectens* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus multispinatus* Eggers, *Xyleborus principalis* Eichhoff, *Xyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Syringa robusta

Dryocoetes padii Stark.

***Syringa* spp.**

Hylesinus toranio (Danthione).

Syringa vulgaris

Hylesinus crenatus (Fabricius), *Lymantria coryli* (Perris).

Syzygium congolense

Xyleborinus collarti (Eggers), *Xyleborus tenellus* Schedl.

Syzygium cordatum

Chaetastus montanus Schedl.

Syzygium cumini

Platypus solidus Walker, *Xyleborus shoreae* (Stebbing), *Xylosandrus crassiusculus* (Motschulsky).

Syzygium effusum

Platypus yasiyasi Roberts.

Syzygium guineensis

Chaetastus montanus Schedl, *Rhopalopselion congonum* (Schedl).

Syzygium parvifolium

Doliopygus erichsoni (Chapuis), *Doliopygus occallescens* Schedl.

***Syzygium* spp.**

Baioicis annularis (Schedl), *Coptodryas vafra* (Schedl), *Crossotarsus coxalis* Schedl, *Dendrochilus setifer* (Schedl), *Diapus kuperi* Roberts, *Diapus nebulosus* Roberts, *Diapus papuanus* Schedl, *Diapus pusillimus* Chapuis, *Diapus robustus* Schedl, *Diapus spinifer* Schedl, *Diapus turgidus* Roberts, *Glostatus carinifer* Schedl, *Mesoplatypus kitushi* Schedl, *Mesoplatypus quinquecinctus* (Schedl), *Mimicurus setifer* (Schedl), *Platypus evanidinervius* Roberts & Morimoto, *Platypus giluweii* Roberts, *Platypus gongylodes* Roberts & Morimoto, *Platypus muricatus* Roberts, *Platypus partibilis* Roberts & Morimoto, *Platypus praeteritus* Schedl, *Platypus umbrinus* Roberts, *Platypus uniformis* Schedl, *Scolytoplastypus kivuensis* Schedl, *Xyleborinus syzygii* (Schedl).

Syzygium stuadtii

Cyclorhipidion guineense (Eggers).

Tabebuia donell-smithii

Xyleborus affinis Eichhoff.

***Tabebuia* spp.**

Bothrosternus hirsutus Wood, *Chramesus parvus* Wood, *Dryocoetoides monachus* (Blandford), *Platypus filaris* Wood, *Xylosandrus compactus* (Eichhoff).

Talauma gioi

Platypus solidus Walker.

Talauma hodgsoni

Platypus cavus Strohmeyer, *Platypus indicus* Strohmeyer.

Tamarindus indica

Hypothenemus glabripennis (Hopkins), *Hypothenemus javanus* (Eggers), *Hypothenemus obscurus* (Fabricius).

***Tamarindus* spp.**

Eucallacea fornicatus (Eichhoff).

Tamarix octandra

Thannurgus brylinskiji Reitter.

***Tamarix* spp.**

Trypophloeus klineschi Eggers.

Taonabo japonica

Crossotarsus rengetensis Niisima & Murayama.

Tapirira marchandii

Platypus longulus Chapuis.

Tarenna incerta

Xylosandrus morigerus (Blandford).

Tarrietia utilis

Doliopygus bidiscoplanus Roberts, *Doliopygus serratus* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Taxodium distichum

Phloeosinus taxodii Blackman, *Xylosandrus germanus* (Blandford).

Taxodium mucronatum

Phloeosinus taxodii *taxodiicola* Wood.

***Taxodium* spp.**

Xyleborus affinis Eichhoff.

Taxus baccata

Hylastes ater (Paykull), *Scolytoplastypus siomio* Blandford.

***Taxus* spp.**

Phloeosinus perlatus Chapuis.

Teclea nobilis

Ambrosiodmus albizzianus (Schedl), *Cyclorhipidion tecleae* (Schedl).

***Teclea* spp.**

Trachyostus schaufussi (Strohmeyer), *Xyleborus alluaudi* Schaufuss.

Tecoma ipe

Xyleborus affinis Eichhoff.

Tectona grandis

Ambrosiodmus minor (Stebbing), *Chaetastus tuberculatus* (Chapuis), *Coccotrypes variabilis* (Beeson), *Crossotarsus emorsus* Beeson, *Crossotarsus minax* (Walker), *Crossotarsus squamulatus* Chapuis, *Diamerus minor* Eggers, *Diapus quinquespinatus* Chapuis, *Eccoptyterus spinosus* (Olivier), *Eucallacea andamanensis* (Blandford), *Eucallacea destruens* (Blandford), *Eucallacea fornicatus* (Eichhoff), *Eucallacea interjectus* (Blandford), *Eucallacea velatus* (Sampson), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Hypothenemus seriatus* (Eichhoff), *Leptoxyleborus concisus* (Blandford), *Leptoxyleborus sordicauda* (Motschulsky), *Platypus cupulatus* Chapuis, *Platypus errans* (Sampson), *Platypus jansonii* Chapuis, *Platypus lepidus* Chapuis, *Platypus solidus* Walker, *Xyleborinus andrewesi* (Blandford), *Xyleborus fallax* Eichhoff, *Xyleborus haberkorni* Eggers, *Xyleborus hagedornianus* Schedl, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus similis* Ferrari, *Xylosandrus butamali* (Beeson), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus gravidus* (Blandford), *Xylosandrus maurus* (Blandford), *Xylosandrus morigerus* (Blandford), *Xylosandrus subsimilis* (Eggers).

Tectona spp.

Hypothecum cruditus Westwood, *Platypus bimcus* Blandford, *Platypus carus* Strohmeier, *Platypus jansoni* Chapuis.

Tenstromia spp.

Diapus bilunatus Schedl.

Tephrosia candida

Eucallacea fornicatus (Eichhoff), *Xylosandrus discolor* (Blandford).

Tephrosia maxima

Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).

Tephrosia spp.

Hypothecum cruditus Westwood, *Xyleborus principalis* Eichhoff, *Xylosandrus morigerus* (Blandford).

Tephrosia vogelii

Cyrtogenius milletiae (Schedl), *Eucallacea fornicatus* (Eichhoff), *Eucallacea xanthopus* (Eichhoff), *Xyleborus alluaudi* Schaufuss, *Xyleborus piccus* (Motschulsky), *Xyleborus principalis* Eichhoff, *Xylosandrus morigerus* (Blandford).

Terminalia amazonia

Xyleborus affinis Eichhoff, *Xyleborus volvulus* (Fabricius).

Terminalia arjuna

Crossotarsus minax (Walker), *Sphaerotrypes globulus* Blandford.

Terminalia belerica

Crossotarsus bonvouloiri Chapuis, *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus minax* (Walker), *Diapus quinquespinatus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Eucallacea andamanensis* (Blandford), *Eucallacea bicolor* (Blandford), *Eucallacea interjectus* (Blandford), *Platypus cupulatus* Chapuis, *Platypus latifinis* Walker, *Platypus pseudocupulatus* Schedl, *Platypus secretus* Sampson, *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Terminalia bialata

Arixyleborus medius (Eggers), *Coccotrypes salakensis* (Schedl), *Coptodryas redicens* (Sampson), *Diapus quinquespinatus* Chapuis, *Eucallacea bicolor* (Blandford), *Leptoxyleborus concisus* (Blandford), *Xyleborinus andrewesi* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborus bidentatus* (Motschulsky), *Xyleborus perforans* (Wollaston), *Xyleborus pfeili* (Ratzeburg), *Xyleborus similis* Ferrari.

Terminalia brassii

Diapus pusillimus Chapuis, *Platypus jansoni* Chapuis, *Platypus shoreanus* (Beeson).

Terminalia catappa

Eucallacea fornicatus (Eichhoff), *Platypus cavus* Strohmeier, *Platypus cupulatus* Chapuis.

Terminalia chebula

Leptoxyleborus sordicauda (Motschulsky), *Xyleborus perforans* (Wollaston).

Terminalia citrina

Xyleborus perforans (Wollaston).

Terminalia complanata

Crossotarsus minusculus Chapuis, *Platypus dibrachiatatus* Roberts, *Platypus fenestrallatus* Roberts, *Platypus gabensis* Schedl, *Platypus paralleliventris* Roberts.

Terminalia conferta

Xyleborus piccus (Motschulsky).

Terminalia edulis

Coptoborus terminaliae Hopkins, *Cyclorhipidion terminaliae* Hopkins, *Xyleborus affinis* Eichhoff.

Terminalia guianensis

Scolytopsis orinocanus Wood.

Terminalia ivorensis

Acanthotomicus subimmunitus (Schedl), *Chaetastus tuberculatus* (Chapuis), *Doliopygus brevis* (Strohmeier), *Doliopygus chapuisi* (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus serratus* (Strohmeier), *Periommatatus excisus* Strohmeier, *Periommatatus substriatus* Strohmeier, *Platypus hintzi* Schaufuss, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus conradti* Hagedorn, *Xyleborus cichhoffianus* Schedl, *Xyleborus piccus* (Motschulsky), *Xyleborus rothkirchi* Eggers, *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Terminalia mani

Diapus quinquespinatus Chapuis, *Platypus verchunatus* (Beeson), *Xyleborus perforans* (Wollaston).

Terminalia mantaly

Ambrosiodmus mahafali (Schedl).

Terminalia myriocarpa

Ambrosiodmus lewisi (Blandford), *Ambrosiodmus minor* (Stebbing), *Ambrosiodmus rubricollis* (Eichhoff), *Cnestus suturalis* (Eggers), *Coccotrypes cypri* (Beeson), *Coccotrypes papuanus* (Eggers), *Coccotrypes vulgaris* (Eggers), *Eucallacea interjectus* (Blandford), *Eucallacea velatus* (Sampson), *Hadrodemus metacomans* (Eggers), *Hadrodemus pseudocomans* (Eggers), *Platypus errans* (Sampson), *Xyleborinus subgranulatus* (Eggers), *Xyleborus haberkorni* Eggers, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus subsimilis* (Eggers).

Terminalia paniculata

Crossotarsus minax (Walker), *Platypus latifinis* Walker, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Terminalia procera

Eucallacea bicolor (Blandford), *Leptoxyleborus concisus* (Blandford), *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston), *Xylosandrus discolor* (Blandford).

Terminalia sepicana

Platypus solidus Walker.

Terminalia spp.

Ambrosiodmus hagedorni (Iglesias), *Ambrosiodmus lecontei* Hopkins, *Ambrosiodmus tropicus* (Hagedorn), *Amphicranus micans* Wood, *Crossotarsus andamanus* Beeson, *Cryphalus terminaliae* Browne, *Cyrtogenius parvulus* Browne, *Diapus turgidus* Roberts, *Eidophelus borneensis* Browne, *Eucallacea interjectus* (Blandford), *Margadillius fulvus* Browne, *Margadillius terminaliae* Browne, *Mitrosoma excisum* Schaufuss, *Platypus madagascariensis* Chapuis, *Platypus parvus* Browne, *Platypus uncinatus* Blandford, *Premnobius cavipennis* Eichhoff, *Taurodemus sharpi* sharpi (Blandford), *Theoborus ricini* (Eggers), *Xyleborinus gracilis* (Eichhoff), *Xyleborus cognatus* Blandford, *Xyleborus glabratus* Browne, *Xyleborus punilus* Eggers, *Xyleborus shoreae* (Stebbing), *Xyleborus spinulosus* Blandford, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).

Terminalia superba

Chaetastus tuberculatus (Chapuis), *Cylindropalpus*

auricomans (Schaufuss), *Cylindropalpus camerunus* (Schedl), *Diaprus quinquespinatus* Chapuis, *Doliopygus brevis* (Strohmeyer), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus medius* Schedl, *Doliopygus minimus* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Dryocoetoides cristatus* (Fabricius), *Eccoptypterus spinosus* (Olivier), *Hypothenemus concolor* Hagedorn, *Periommatius angustior* Schedl, *Periommatius excisus* Strohmeyer, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus parallelus* (Fabricius), *Platypus picinus* Schedl, *Premnobius quadrispinosus* Schedl, *Platypus rufescens* (Strohmeyer), *Platypus solutus* Schedl, *Platypus spinulosus* (Strohmeyer), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus scobinatus* Hagedorn, *Xyleborus subasperulus* Eggers, *Xyleborus subtuberculatus* Eggers, *Xyleborinus sharpae* (Hopkins), *Xyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Terminalia tomentosa

Coccotrypes longior (Eggers), *Coccotrypes nubilus* (Blandford), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus minax* (Walker), *Diamerus nigrisetosus* Eggers, *Euwallacea andamanensis* (Blandford), *Sphaerotrypes globulus* Blandford, *Platypus forficula* Chapuis, *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus butamali* (Beeson), *Xylosandrus crassiusculus* (Motschulsky).

Ternstroemia gymnanthera

Xyleborus atratus Eichhoff.

Termstroemia japonica

Platypus calamus Blandford.

Tessmannia africana

Doliopygus chapuisi (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus spectabilis* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

Tessmannia anomala

Doliopygus conradti (Strohmeyer), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

Tessmannia claessensii

Doliopygus staneri Schedl.

Tessmannia spp.

Premnobius cavipennis Eichhoff.

Tetradenia konishii

Crossotarsus rengetensis Niisima & Murayama.

Tetrameles nudiflora

Euwallacea andamanensis (Blandford), *Euwallacea interjectus* (Blandford), *Platypus cavus* Strohmeyer, *Platypus curtatus* Sampson, *Platypus indicus* Strohmeyer, *Platypus solidus* Walker, *Xyleborus similis* Ferrari.

Tetraplasandra spp.

Xyleborus ferrugineus (Fabricius), *Xyleborus hawaiiensis* Perkins.

Tetrapleura tetraptera

Chaetastus tuberculatus (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus biserialis* (Eggers), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Theoborus ricini* (Eggers), *Trachyostus schoutedeni* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Tetrorchidium didymotemon

Platypus spinulosus (Strohmeyer).

Teucrium pseudoscorodonia

Thamnurgus delphinii (Rosenhauer).

Teucrium scorodonia

Thamnurgus kaltenbachii (Bach).

Thalia geniculata

Xyleborus ferrugineus (Fabricius), *Xyleborus ficus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Thea japonica

Sphaerotrypes pila Blandford.

Thea sinensis

Platypus biuncus Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).

Theobroma cacao

Ambrosiodmus hagedorni (Iglesias), *Amphicranus argutus* Wood, *Amphicranus elegans* Eichhoff, *Amphicranus fulgidus* Wood, *Amphicranus spectabilis* (Wood), *Amphicranus spectus* Wood, *Amphicranus theobroma* Sampson, *Araptus columbianus* (Schedl), *Coccotrypes carpophagus* (Hornung), *Coccotrypes cyperi* (Beeson), *Coptoborus pseudotenuis* (Schedl), *Coptoborus tolimanus* (Eggers), *Coptoborus vespatorius* (Schedl), *Coptodryas nugax* (Schedl), *Corthylocorus tuberculifer* (Eggers), *Corthylus collaris* Blandford, *Corthylus concisus* Wood, *Corthylus papulans* Eichhoff, *Corthylus pygmaeus* Wood, *Corthylus sobrinus* Wood, *Corthylus theobromae* Numberg, *Crossotarsus minax* (Walker), *Crossotarsus cafer* Schedl, *Cryphalus theobromae* Numberg, *Cyclorhipidion popondettae* (Browne), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus gracilior* Schedl, *Doliopygus kakaensis* Schedl, *Doliopygus lefevrei* Schedl, *Dryocoetoides cristatus* (Fabricius), *Dryocoetoides flavus* (Fabricius), *Euwallacea destruens* (Blandford), *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Hypothenemus ater* (Eggers), *Hypothenemus atratus* (Schedl), *Hypothenemus concolor* Hagedorn, *Hypothenemus criticus* (Schedl), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus grandis* Schedl, *Hypothenemus intricatus* (Schedl), *Hypothenemus liberiensis* (Hopkins), *Hypothenemus morio* (Eggers), *Hypothenemus obscurus* (Fabricius), *Hypothenemus perhispidus* (Eggers), *Hypothenemus pubipennis* (Eggers), *Hypothenemus seriatus* (Eichhoff), *Hypothenemus setosus* (Eichhoff), *Hypothenemus solitarius* (Schedl), *Hypothenemus suspectus* Wood, *Hypothenemus teretis* Wood, *Micriophalus attenuatus* (Eggers), *Monarthrum corculum* Wood, *Monarthrum fimbriaticorne* (Blandford), *Platypus deyrollei* Chapuis, *Platy-*

pus hintzi Schaufuss, *Platypus jansoni* Chapuis, *Platypus parallelus* (Fabricius), *Pseudothysanoes atomus* Wood, *Sampsonius dampfi* Schedl, *Scolytogenes samonius* (Brown), *Taurodenus ebenus* (Wood), *Taurodenus pandulus* (Wood), *Taurodenus percheae* (Ferrari), *Taurodenus sharpi sharpi* (Blandford), *Taurodenus splendidus* (Schaufuss), *Taurodenus varians* (Fabricius), *Theoborus coartatus* (Sampson), *Theoborus ricini* (Eggers), *Theoborus theobromae* Hopkins, *Theoborus villosulus* (Blandford), *Tricolus saundersi* Wood, *Xyleborinus andreweesi* (Blandford), *Xyleborinus bicornatulus* (Wood), *Xyleborinus gracilis* (Eichhoff), *Xyleborinus intersetosus* (Blandford), *Xyleborinus protinus* (Wood), *Xyleborinus reconditus* (Schedl), *Xyleborinus subulatus* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus asper* Eggers, *Xyleborus barumbuensis* Eggers, *Xyleborus carabicus* Eggers, *Xyleborus commixtus* Blandford, *Xyleborus ferox* Blandford, *Xyleborus ferrugineus* (Fabricius), *Xyleborus ficus* Eggers, *Xyleborus haberkorni* Eggers, *Xyleborus horridatus* Wood, *Xyleborus lacunatus* Wood, *Xyleborus macer* Blandford, *Xyleborus multispinatus* Eggers, *Xyleborus parallelocollis* Eggers, *Xyleborus parallelus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus posticus* Eichhoff, *Xyleborus quadrispinosulus* Eggers, *Xyleborus squamulatus* Eichhoff, *Xyleborus subasperulus* Eggers, *Xyleborus volutus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus laticeps* (Wood), *Xylosandrus mancus* (Blandford), *Xylosandrus morigerus* (Blandford), *Xylosandrus ursinus* (Hagedorn).

Theobroma silvestre

Hypocryphalus obscurus Hopkins.

Theobroma spp.

Xyleborus similis Ferrari, *Xylosandrus compactus* (Eichhoff).

Thespesia populnea

Ernocladius corpulentus (Sampson), *Euwallacea andamanensis* (Blandford), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff).

Thevetia nereifolia

Hypothenemus eruditus Westwood.

Thevetia ovata

Liparthrum thevetiae Wood.

Thevetia spp.

Liparthrum cracentis Wood, *Pityophthorus costabilis* Wood, *Pityophthorus costatulus* Wood.

Thrinax argentia

Coccotrypes carpophagus (Hornung).

Thujopsis dolabrata

Phloeosinus gifuensis Murayama, *Phloeosinus lewisi* Chapuis, *Phloeosinus rudis* Blandford, *Phloeosinus sannohensis* Murayama, *Xyleborinus saxeseni* (Ratzeburg).

Thujopsis spp.

Phloeosinus perlatus Chapuis.

Thunbergia grandiflora

Euwallacea velatus (Sampson).

Thuja japonica

Phloeosinus rudis Blandford.

Thuja occidentalis

Hypothenemus eruditus Westwood, *Phloeosinus canadensis* Swaine, *Phloeosinus dentatus* (Say), *Phloeosinus punctatus* LeConte.

Thuja orientalis

Phloeosinus hopehi Schedl.

Thuja plicata

Phloeosinus cupressi Hopkins, *Phloeosinus punctatus* LeConte, *Phloeosinus sequoiae* Hopkins.

Thuja spp.

Phloeosinus bicolor (Brulle), *Phloeosinus cristatus* (LeConte), *Phloeosinus henschi* Reitter, *Phloeosinus thujae* (Perris).

Thuja standishii

Xyleborus seriatus Blandford.

Tieghmella hecklii

Dolipygus bidiscoplanus Roberts.

Tilia americana

Pseudothysanoes rigidus (LeConte).

Tilia amurensis

Ernoporus tiliae (Panzer), *Euwallacea validus* (Eichhoff), *Scolytus koltzei* Reitter, *Xyleborinus alni* (Niisima).

Tilia cienserrata

Pseudothysanoes multispinatus Wood.

Tilia cordata

Ernoporus tiliae (Panzer), *Pseudoxylechinus tiliae* (Niisima).

Tilia cordata japonica

Crossotarsus niponicus Blandford, *Platypus severini* Blandford, *Hypothenemus sapporoensis* (Niisima), *Xyleborus seriatus* Blandford.

Tilia intermedia

Ernoporus caucasicus (Lindemann), *Ernoporus tiliae* (Panzer), *Hylastinus tiliae* Semenov.

Tilia mandshurica

Scolytus koltzei Reitter.

Tilia parvifolia

Ernoporus caucasicus (Lindemann), *Ernoporus tiliae* (Panzer), *Hylastinus tiliae* Semenov.

Tilia rubra

Ernoporus caucasicus (Lindemann).

Tilia spp.

Hylesinus crenatus (Fabricius), *Monarthrum mali* (Fitch), *Scolytus laevis* Chapuis, *Trypodendron signatum* (Fabricius), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus sayi* (Hopkins).

Tilia tomentosa

Ernoporus caucasicus (Lindemann).

Tiliacora acuminata

Miniocurus beasoni Wood.

Tococa formicaria

Xyleborus parcellus Wood.

Toddalia asiatica

Euwallacea xanthopus (Eichhoff), *Xyleborus principalis* Eichhoff.

Toonia calantas

Xyleborus haddeni Schedl.

Toonia sinensis

Leptoxyleborus concisus (Blandford), *Xyleborus haberkorni* Eggers, *Xyleborus piceus* (Motschulsky).

Toonia spp.

Xylosandrus compactus (Eichhoff).

Toonia sureni

Xylosandrus mancus (Blandford).

Torrubia longifolia

Dendrosinus bourreriae Schwarz, *Hypothenemus squamosus* (Hopkins).

Toulisia pulvinata

Xyleborus affinis Eichhoff, *Xyleborus asper* Eggers.

Tovomita guianensis

Hypothenemus opacus (Eichhoff).

Toxicodendron spp.

Hypothenemus erectus LeConte, *Hypothenemus indigenus* Wood, *Pityophthorus cornipus* Wood, *Pityophthorus detentus* Wood.

Toxicodendron trichocarpum

Eidophelus imitans Eichhoff.

Toxoxylon pomiferum

Cnecinus strigicollis LeConte.

Trachelospermum asiaticum

Scolytogenes scolytomimoides (Nobuchi).

Trachylobium narrucosum

Hypothenemus seriatus (Eichhoff).

Trachylobium verrucosum

Triozastus banghaasi (Schaufuss), *Triozastus marshalli* (Sampson).

Treculia africana

Chaetastus tuberculatus (Chapuis), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus serratus* (Strohmeyer), *Hylesinopsis dubius* Eggers, *Doliopygus erichsoni* (Chapuis), *Pityophthorus treculiae* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Xyleborus alluaudi* Schaufuss.

Trema floridana

Hypothenemus birmanus (Eichhoff), *Hypothenemus brunneus* (Hopkins), *Hypothenemus eruditus* Westwood, *Hypothenemus javanus* (Eggers), *Hypothenemus seriatus* (Eichhoff).

Trema guineense

Ambrosiodmus aegir (Eggers), *Cyclorhipidion crucipenne* (Schedl), *Doliopygus perbrevis* Schedl, *Hypothenemus biseriatus* (Eggers), *Hypothenemus pubipennis* (Eggers), *Platypus hintzi* Schaufuss, *Platypus spinulosus* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus consobrinus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus multispinatus* Eggers.

Trema orientalis

Ambrosiodmus artemgranulatus (Schedl), *Ambrosiodmus mahafali* (Schedl), *Doliopygus erichsoni* (Chapuis), *Euwallacea xanthopus* (Eichhoff), *Pityophthorus kivuensis* Schedl, *Platypus jansonii* Chapuis, *Xyleborinus quadrispinus* (Schedl), *Xyleborinus spiculatus* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus antaisaka* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus principalis* Eichhoff, *Xyleborus subtuberculatus* Eggers, *Xylosandrus morigerus* (Blandford).

Tricalysia viridiflora

Xyleborus kumamotoensis Murayama.

Trichilia arborea

Hypothenemus seriatus (Eichhoff), *Micracis swainae* Blackman.

Trichilia gilgiana

Coccotrypes cylindricus (Eggers), *Doliopygus dubius* (Sampson), *Doliopygus serratus* (Strohmeyer), *Platypus parallelus* (Fabricius), *Triozastus marshalli* (Sampson).

Trichilia heudelotii

Cylindropalpus auricomans (Schaufuss), *Doliopygus brevis* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus interjectus* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Triozastus banghaasi* (Schaufuss), *Triozastus marshalli* (Sampson),

Xyleborinus collarti (Eggers), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus colvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Trichilia lanata

Cylindropalpus pertinax (Schedl), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus interjectus* Schedl, *Platypus hintzi* Schaufuss, *Premnobius quadrispinosus* Schedl, *Scolytoplatypus eichelbaumi* Hagedorn, *Triozastus banghaasi* (Schaufuss), *Xyleborus affinis* Eichhoff.

Trichilia prieureana

Doliopygus conradti (Strohmeyer), *Doliopygus ghesquieri* (Schedl), *Doliopygus interjectus* Schedl, *Doliopygus subditivus* (Schedl), *Hypothenemus eruditus* Westwood, *Triozastus elongatus* Schedl, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus colvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Trichilia propinqua

Cnemidophorus testitatus (Eggers), *Xyleborus affinis* Eichhoff.

Trichilia rubescens

Chaetastus tuberculatus (Chapuis), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus lefevrei* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus trichiliae* Schedl, *Triozastus banghaasi* (Schaufuss), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins).

Trichilia spp.

Dactylipalpus camerunus Hagedorn, *Doliopygus alternans* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus interjectus* Schedl, *Doliopygus obduensis* Roberts, *Doliopygus serratus* (Strohmeyer), *Mitosoma obliquatum* Schedl, *Mitosoma odonticeps* Schedl, *Mitosoma truncatipennis* Schedl, *Platypus parallelus* (Fabricius), *Premnobius cavipennis* Eichhoff, *Scolytoplatypus occidentalis* Browne, *Xyleborinus diversus* (Schedl), *Xyleborinus gracilipennis* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus clerodendronae* Schedl, *Xyleborus subtuberculatus* Eggers, *Xyleborus colvulus* (Fabricius).

Trichilia welwitschii

Trachyostus schaufussi (Strohmeyer).

Trichoscypha arborea

Cyclorhipidion daosi (Schedl).

Trichoscypha spp.

Doliopygus chapuisi (Duvivier), *Doliopygus serratus* (Strohmeyer), *Platypus parallelus* (Fabricius).

Tricodendron acuminatum

Mitosoma excisum Schaufuss, *Mitosoma paulianum* Schedl, *Xyleborinus spiculatus* (Schaufuss).

Tridesmostemon claussensii

Chaetastus persimilis (Schedl), *Cylindropalpus granulosus* (Schedl), *Cylindropalpus pertinax* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus semipilosus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus criticus* (Schedl), *Hypothenemus eruditus* Westwood, *Mesoplatypus erinaceus* Schedl, *Platypus impressus* (Strohmeyer), *Premnobius quadrispinosus* Schedl, *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus colvulus* (Fabricius).

Tridesmostemon spp.

Premnobius cavipennis Eichhoff.

Trifolium pratense

Hylastinus obscurus (Marsham).

Triopteris jamaicensis*Hypothecenus eruditus* Westwood.**Triplochiton scleroxylon**

Ambrosiodmus neglectus (Schedl), *Chaetastus tuberculatus* (Chapuis), *Ctenoxylon flavescens* Hagedorn, *Cylindropalpus auricomans* (Schaufuss), *Cylindropalpus camerinus* (Schedl), *Cylindropalpus pumilio* (Schedl), *Cyrtogenius cribripennis* Schedl, *Diamerus imperfectus* Eggers, *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus interjectus* Schedl, *Doliopygus medius* Schedl, *Doliopygus notatus* Schedl, *Doliopygus opifex* (Sampson), *Doliopygus serratus* (Strohmeyer), *Dryocoetoides cristatus* (Fabricius), *Hypothecenus eruditus* Westwood, *Hypothecenus pubipennis* (Eggers), *Leptoxyleborus scabrior* (Schedl), *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus parallelus* (Fabricius), *Polygraphus coronatus* Eggers, *Scolytogenes braderi* (Browne), *Trachyostus ghanaensis* Schedl, *Triozastus banghaasi* (Schaufuss), *Xyleborinus diversus* (Schedl), *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus eichhoffianus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus pseudoambasius* Schedl, *Xyleborus subtuberculatus* Eggers, *Xyleborus voluculus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Triplochiton spp.*Premnobius cavipennis* Eichhoff.**Tristania spp.***Anasa opalescens* (Schedl), *Xylosandrus compactus* (Eichhoff).**Tristania whiteana***Xyleborus haberkorni* Eggers, *Xylosandrus manicus* (Blandford).**Triumfetta spp.***Ambrosiodmus ovatus* (Eggers), *Hypothecenus grandis* Schedl.**Trochis racemosa***Xyleborus macei* Blandford.**Tsuga chinensis***Sphaerotrypes magnus* Tsai & Yin, *Sphaerotrypes tsugae* Tsai & Yin.**Tsuga diversifolia***Dryocoetes brevipilosus* Murayama.**Tsuga heterophylla**

Dendroctonus pseudotsugae Hopkins, *Dryocoetes autographus* (Ratzeburg), *Gnathotrichus retusus* (LeConte), *Gnathotrichus sulcatus* (LeConte), *Hylurgops reticulatus* Wood, *Phloeosinus punctatus* LeConte, *Pityophthorus pseudotsugae* Swaine, *Platypus wilsoni* Swaine, *Pseudohylesinus granulatus* (LeConte), *Pseudohylesinus nebulosus* (LeConte), *Pseudohylesinus sericeus* (Mannerheim), *Pseudohylesinus tsugae* Swaine.

Tsuga mertensiana*Pseudohylesinus dispar dispar* Blackman, *Pseudohylesinus tsugae* Swaine.**Tsuga sieboldii***Crossotarsus niponicus* Blandford, *Euwallacea validus* (Eichhoff).**Tsuga spp.***Cryphalus taiwanus* Schedl, *Gnathotrichus materiarius* (Fitch), *Hylastes nigrinus* (Mannerheim), *Scolytus**tsugae* (Swaine), *Xyleborus dispar* (Fabricius), *Xyleborus seriatus* Blandford, *Xyloterinus politus* (Say).**Tsuga yunnanensis***Xyleborinus saxseini* (Ratzeburg).**Tulasneana spp.***Euwallacea xanthopus* (Eichhoff).**Turpinia latifolia***Euwallacea destructus* (Blandford).**Turpinia nepalensis***Coccotrypes nubilis* (Blandford), *Xyleborus eggersi* Beeson.**Turpinia pomifera***Anasa nobilis* (Eggers), *Hadrodemus globus* (Blandford), *Xyleborus cancellatus* Eggers, *Xyleborus fallax* Eichhoff, *Xyleborus haberkorni* Eggers.**Turpinia spp.***Euwallacea andamanensis* (Blandford).**Turraeanthus africana**

Chaetastus tuberculatus (Chapuis), *Coptoborus forficatus* (Schedl), *Cyclorhipidion crucifer* (Hagedorn), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus ghesquieri* (Schedl), *Doliopygus interjectus* Schedl, *Doliopygus medius* Schedl, *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus wolschei* Schedl, *Dryocoetoides cristatus* (Fabricius), *Hypothecenus eruditus* Westwood, *Periommatius excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus rimulosus* Schedl, *Platypus spinulosus* (Strohmeyer), *Polygraphus granulifer* Eggers, *Premnobius mukunyeae* (Schedl), *Premnobius nodulosus* Hagedorn, *Premnobius quadrispinosus* Schedl, *Xyleborinus collarti* (Eggers), *Xyleborinus sharpae* (Hopkins), *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasipennis* Schedl, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus tenellus* Schedl, *Xyleborus turraeanthus* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

Turraeanthus spp.*Ambrosiodmus eichhoffi* (Schreiner), *Premnobius cavipennis* Eichhoff.**Turraeanthus vignei***Doliopygus nairobiensis* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky).**Uapaca spp.***Mitosoma obliquatum* Schedl, *Platypus madagascariensis* Chapuis, *Xyleborinus dentellus* (Schedl).**Ulex europaeus***Hylastinus obscurus* (Marsham), *Phloeotribus rhododactylus* (Marsham).**Ulmus americana***Hylocurus rudis* (LeConte).**Ulmus campestris***Hylesinus elatus* Niisima, *Hyorrhynchus lewisi* Blandford, *Pteleobius kraatzii* (Eichhoff), *Pteleobius vittatus* (Fabricius), *Scolytus chikisanii* Niisima, *Scolytus frontalis* Blandford.**Ulmus carpinifolia***Scolytus chikisanii* Niisima, *Scolytus ecksteini* Butovitsch, *Scolytus jaroschewskii* Schevyrew, *Scolytus centrosus* Schevyrew, *Scolytus zaitzevi* Butovitsch.

Ulmus effusa

Pteleobius kraatzii (Eichhoff), *Pteleobius vittatus* (Fabricius).

Ulmus japonica

Hylesinus elatus Niisima, *Neopteleobius scutulatus* (Blandford), *Scolytus butovitschii* Stark, *Scolytus chikisanii* Niisima, *Scolytus jacobsoni* (Spessivtsev), *Scolytus pubescens* Stark, *Scolytus semenovi* (Spessivtsev), *Trypodendron signatum* (Fabricius), *Xyleborus atratus* Eichhoff.

Ulmus laciniata

Scolytus chikisanii Niisima, *Scolytus jacobsoni* (Spessivtsev), *Scolytus semenovi* (Spessivtsev).

Ulmus laevis

Scolytus kozikowskii Michalski.

Ulmus lancifolia

Scolytus chelogaster Schedl, *Scolytus squamosus* Yin & Huang.

Ulmus montana

Enoporicus caucasicus (Lindemann), *Pteleobius kraatzii* (Eichhoff), *Pteleobius vittatus* (Fabricius).

Ulmus propinqua

Scolytus butovitschii Stark, *Scolytus jacobsoni* (Spessivtsev), *Scolytus pubescens* Stark, *Scolytus semenovi* (Spessivtsev), *Scolytus ventrosus* Scheyvrew.

Ulmus pumila

Eucallacea validus (Eichhoff), *Hypothenemus modestus* (Murayama), *Pseudothysanoes mongolica* (Sokanovskii), *Scolytus butovitschii* Stark, *Scolytus parviclaviger* Yin & Huang, *Sphaerotrypes ulmi* Tsai & Yin.

Ulmus rubra

Trischidiast atomus (Hopkins).

***Ulmus* spp.**

Ambrosiodmus apicalis (Blandford), *Corthythus columbianus* Hopkins, *Corthythus punctatissimus* (Zimmermann), *Hylocurus langstoni* Blackman, *Hyurgopinus rufipes* (Eichhoff), *Hypothenemus eruditus* Westwood, *Pteleobius kraatzii* (Eichhoff), *Scolytus aratus* Blandford, *Scolytus ensifer* Eichhoff, *Scolytus japonicus* Chapuis, *Scolytus kirschi* Skalitzky, *Scolytus laevis* Chapuis, *Scolytus mali* (Bechstein), *Scolytus multistriatus* (Marsham), *Scolytus pygmaeus* (Fabricius), *Scolytus scheyvrewi* Semenov, *Scolytus scolytus* (Fabricius), *Scolytus sulcifrons* Rey, *Scolytus trispinosus* Strohmeier, *Taphrorychus villifrons* (Dufour), *Thysanoes berchemiae* Blackman, *Xyleborus atratus* Eichhoff, *Xyleborus eurygraphus* (Ratzeburg), *Xyleborus maiche* (Stark), *Xyleborus pfeili* (Ratzeburg), *Xylosandrus germanus* (Blandford), *Xyloterinus politus* (Say).

Ulmus wallichiana

Scolytus kashmirensis Schedl.

***Umbellularia* spp.**

Hylocurus hirtellus (LeConte).

Uniola paniculata

Hypothenemus californicus Hopkins.

Urena lobata

Hypothenemus eruditus Westwood.

***Urena* spp.**

Hypothenemus eruditus Westwood, *Hypothenemus seriatus* (Eichhoff).

***Ureia* spp.**

Xyleborinus saxeseni (Ratzeburg).

Urophyllym lyallii

Xyleborus alluaudi Schaufuss, *Xylosandrus hirsutipennis* (Schedl).

***Urostigma* spp.**

Cryphalus walkeri (Blandford).

Usambara occidentalis

Pernophilorus brevicollis (Strohmeyer).

Vaccinium consanguineum

Corthycyclon aztecum (Bright), *Corthycyclon tardum* Wood, *Corthythus subserratus* Wood.

***Vaccinium* spp.**

Corthythus punctatissimus (Zimmermann).

Vachellia farnesiana

Hypothenemus brunneus (Hopkins).

Valeriana scandens

Cnesinus adustus Schedl.

Valleris haynii

Scolytogenes indicus Wood.

Vanda coerulea

Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).

***Vanda* spp.**

Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).

Vanda teres

Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).

Vanda tricolor

Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).

Vateria copalifera

Sphaerotrypes cristatus Wood, *Xylosandrus mancus* (Blandford).

Vateria indica

Coccotrypes advena Blandford, *Coccotrypes cardamomi* Schaufuss, *Coccotrypes cyperi* (Beeson), *Coccotrypes variabilis* (Beeson), *Coccotrypes vateriae* (Beeson), *Crossotarsus quadricaudatus* (Strohmeyer), *Eucallacea andamanensis* (Blandford), *Genyocerus furtivus* (Sampson), *Platypus latifinis* Walker, *Platypus suffodiens* Sampson, *Xylosandrus butamali* (Beeson), *Xylosandrus crassiusculus* (Motschulsky).

Vatica heteroptera

Xylosandrus crassiusculus (Motschulsky).

Vatica lanceaefolia

Ambrosiodmus lewisi (Blandford), *Arixyleborus malayensis* (Schedl), *Carchesiopygus assamensis* (Beeson), *Carchesiopygus wollastoni* (Chapuis), *Coptodryas alpha* (Beeson), *Crossotarsus bontouloiri* Chapuis, *Diapus quinquespinatus* Chapuis, *Eucallacea tristis* (Eggers), *Genyocerus furtivus* (Sampson), *Platypus cavus* Strohmeyer, *Platypus curtatus* Sampson, *Platypus decens* Sampson, *Platypus lepidus* Chapuis, *Platypus uncinatus* Blandford, *Sphaerotrypes vaticanus* Beeson, *Xyleborinus subgranulatus* (Eggers), *Xyleborus shoreae* (Stebbing), *Xyleborus similis* Ferrari, *Xylosandrus gravidus* (Blandford).

***Vatica* spp.**

Acacacis borneensis Browne, *Cnestus suturalis* (Eggers), *Coptodryas bella* (Sampson), *Coptodryas confusa* Hopkins, *Coptodryas obtusicollis* (Schedl), *Coptodryas perparva* (Sampson), *Cyclorhipidion punctillicolle* (Schedl), *Cyrtogenius vaticae* (Nunberg), *Genyocerus biporus* (Schedl), *Genyocerus decemspinatus* (Schedl), *Genyocerus exilis* (Schedl), *Genyocerus serratus* (Schedl), *Leptoxyleborus scabrior* (Schedl), *Ozopemon obanus* Hagedorn, *Platypus artesolidus* Schedl, *Platypus granifer* Schedl, *Platypus minacior* Schedl, *Platypus sericans* Schedl,

- Sphaerotrypes biseriatus* Schedl. *Sphaerotrypes minutus* Brownie. *Webbia bakoensis* Brownie. *Webbia sericata* (Brownie). *Webbia trepanicauda* (Eggers). *Xyleborus macropterus* Schedl. *Xyleborus muasi* Brownie. *Xyleborus pseudopilifer* Schedl.
- Vatica stapfiana**
Platypus cupulatus Chapuis.
- Varaea spp.**
Platypus ruscinatus Roberts.
- Vepris stolzii**
Doliopygus lefevrei Schedl. *Periommatatus excisus* Stroh-meyer.
- Vepris undulata**
Xyleborinus aemulus (Wollaston).
- Verbena spp.**
Hypothenemus californicus Hopkins.
- Verbesina agricultorum**
Cnesinus annectens Wood. *Hypothenemus erectus* LeConte.
- Verbesina laciniata**
Hypothenemus eruditus Westwood.
- Vernonia amygdalina**
Euwallacea xanthopus (Eichhoff). *Xyleborus alluaudi* Schauffuss. *Xyleborus piceus* (Motschulsky).
- Vernonia appendiculata**
Euwallacea xanthopus (Eichhoff). *Pityophthorus mada-gascariensis* Schedl.
- Vernonia arborea**
Platypus cavus Stroymeyer. *Xyleborus affinis* Eichhoff. *Xylosandrus crassiusculus* (Motschulsky).
- Vernonia auriculifera**
Thammurgus africanus Eggers.
- Vernonia conferta**
Doliopygus erichsoni (Chapuis). *Doliopygus lateralis* Schedl. *Doliopygus medius* Schedl. *Doliopygus minor* Schedl. *Doliopygus perbrevis* Schedl. *Doliopygus rhodesianus* (Schedl). *Euwallacea pandae* (Schedl). *Platypus hintzi* Schauffuss. *Platypus orientalis* (Stroh-meyer). *Trachyostus schaufussi* (Stroh-meyer). *Xyle-borus affinis* Eichhoff. *Xyleborus alluaudi* Schauffuss. *Xyleborus ferrugineus* (Fabricius). *Xyleborus solutus* Schedl. *Xyleborus subtuberculatus* Eggers. *Xylosandrus crassiusculus* (Motschulsky).
- Vernonia lasiopus**
Ambrosiodmus aegir (Eggers).
- Vernonia spp.**
Doliopygus brevis (Stroh-meyer). *Doliopygus conradti* (Stroh-meyer). *Doliopygus perbrevis* Schedl. *Platypus madagascariensis* Chapuis. *Xyleborinus quadrispinosus* (Eichhoff). *Xyleborus bezanozano* Schedl. *Xyleborus principalis* Eichhoff. *Xylosandrus hirsutipennis* (Schedl).
- Veronica arborescens**
Xyleborus adusticollis (Motschulsky).
- Veronica spp.**
Ambrosiodmus tropicus (Hagedorn). *Hypothenemus grandis* Schedl.
- Viburnum betuloides**
Corthylus punctatissimus (Zimmermann).
- Viburnum dilatatum**
Cryphalus viburni Stark.
- Viburnum spp.**
Xylosandrus brevis (Eichhoff).
- Vigna sinensis**
Hypothenemus eruditus Westwood.
- Villebrunnea spp.**
Xylosandrus morigerus (Blandford).
- Vinca spp.**
Xylosandrus compactus (Eichhoff).
- Virecta multiflora**
Hypothenemus grandis Schedl. *Thammurgus grandicollis* Schedl.
- Virgilia capensis**
Platypus sampsoni (Schedl). *Xyleborinus aemulus* (Wollaston).
- Virgilia oroboides**
Hypocryphalus caplandicus Schedl.
- Virola spp.**
Cnemonyx insignis Wood. *Cnemonyx maculicornis* (Blandford). *Scolytodes declivistriatus* Schedl.
- Virola surinamensis**
Xyleborus grossmanni Schedl.
- Virola warburgii**
Xyleborus asper Eggers. *Xyleborus sparsipilosus* Eggers.
- Viscum album**
Liparthrum bartschti Muhl.
- Vismia cayennensis**
Cnesinus reticulatus Wood.
- Vismia guianensis**
Cnemonyx panamensis (Blandford). *Hypothenemus trivialis* Wood. *Scolytodes cedrelae* Wood. *Tesserocerus belti* Sharp. *Xyleborinus intersetosus* (Blandford). *Xyleborus vismiae* Wood.
- Vismia spp.**
Amphicranus terebella Blandford. *Cnemonyx minusculus* (Blandford). *Cnemonyx vismiacolens* Wood. *Cnesinus lucaris* Wood. *Corthylus abbreviatus* Eich-hoff. *Corthylus additus* Wood. *Hypothenemus erectus* LeConte. *Hypothenemus interstitialis* (Hopkins). *Hypo-thenemus squamosus* (Hopkins). *Sampsonius dampfi* Schedl. *Taurodemus godmani* (Blandford). *Taurodemus sanguinicollis* (Blandford). *Xyleborus ferrugineus* (Fabricius). *Xyleborus voltrulus* (Fabricius).
- Vitex altissima**
Euwallacea andamanensis (Blandford). *Xylosandrus crassiusculus* (Motschulsky).
- Vitex congoensis**
Doliopygus lefevrei Schedl. *Doliopygus rapax* (Sampson).
- Vitex cuneata**
Pernophorus abhorrens Eggers.
- Vitex hildebrandii**
Doliopygus chapuisi (Duvivier).
- Vitex negundo**
Ambrosiodmus rubricollis (Eichhoff).
- Vitex peduncularis**
Eccoptyterus spinosus (Olivier). *Euwallacea andaman-ensis* (Blandford). *Xyleborus perforans* (Wollaston). *Xyleborus similis* Ferrari.
- Vitex pubescens**
Cnestus aterrimus (Eggers). *Hypothenemus eruditus* Westwood. *Xyleborus approximatus* Schedl. *Xyleborus haberkorni* Eggers. *Xylosandrus ater* (Eggers). *Xylo-sandrus manicus* (Blandford). *Xylosandrus pygmaeus* (Eggers).
- Vitex spp.**
Ambrosiodmus triton (Schauffuss). *Crossotarsus mnischei* Chapuis. *Xyleborus perforans* (Wollaston). *Xyleborus similis* Ferrari. *Xylosandrus compactus* (Eichhoff).
- Vitex welwitschii**
Doliopygus medius Schedl.

Vitis discolor

Xyleborus piccus (Motschulsky).

Vitis spp.

Ambrosiodmus apicalis (Blandford), *Cnesinus elegans* Blandford, *Cryphalus felis* Wood, *Cryptocarenum heveae* (Hagedorn), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus dissimilis* (Zimmermann), *Hypothenemus interstitialis* (Hopkins), *Hypothenemus javanus* (Eggers), *Hypothenemus vitis* Browne, *Micracisella nanula* (LeConte), *Premnobius cavipennis* Eichhoff, *Xylosandrus compactus* (Eichhoff), *Xylosandrus germanus* (Blandford), *Xylosandrus morigerus* (Blandford).

Vitis vinifera

Hypothenemus eruditus Westwood, *Xylosandrus discolor* (Blandford).

Walsura robusta

Xyleborus perforans (Wollaston).

Warburgia ugandensis

Dolopypus nairobiensis (Schedl).

Washingtonia filifera

Coccotrypes carpophagus (Hornung), *Coccotrypes dactyliperda* (Fabricius).

Washingtonia sonorae

Coccotrypes dactyliperda (Fabricius).

Webbia spp.

Hypothenemus eruditus Westwood.

Weigela hortensis

Xylosandrus brevis (Eichhoff).

Weinmannia spp.

Xyleborinus cupulatus (Schedl), *Xyleborinus forficuloides* (Schedl).

Wendlandia bicuspidata

Liparthrum brincki (Schedl).

Wendlandia tinctoria

Scolytoplatypus minimus Hagedorn.

Werklia insignis

Corthylus rubricollis Blandford, *Corthylus serratus* Wood, *Corthylus strigilis* Wood, *Tricolus naevus* Wood.

Whitfordiodendron pubescens

Amasa versicolor (Sampson), *Coptodryas nugax* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Euwallacea fornicatus* (Eichhoff), *Euwallacea linatus* (Schedl), *Euwallacea xanthopus* (Eichhoff), *Platypus insulindicus* Schedl.

Widdringtonia juniperoides

Lanurgus widdringtoniae Schedl.

Wikstroemia spp.

Xylosandrus compactus (Eichhoff).

Wistaria floribunda

Hypothenemus kraunhiaie (Murayama), *Scolytogenes badius* (Nobuchi), *Xyleborus kraunhiaie* Niisima.

Wistaria sinensis

Hypothenemus eruditus Westwood.

Wistaria spp.

Chramesus wisteriae Wood, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff).

Wormia ferruginea

Scolytogenes crenatus (Sampson).

Wormina triquetra

Crossotarsus minax (Walker), *Crossotarsus terminatus* Chapuis.

Wrightia tinctoria

Euwallacea andamanensis (Blandford), *Xylosandrus crassiusculus* (Motschulsky).

Wrightia tomentosa

Platypus errans (Sampson), *Platypus infuscatus* Browne.

Xanthomyrtus spp.

Diapus nebulosus Roberts, *Platypus bipyramidis* Roberts & Morimoto, *Platypus caelestis* Roberts & Morimoto, *Platypus cicatricosus* Roberts.

Xanthophyllum affine

Crossotarsus terminatus Chapuis, *Xylosandrus crassiusculus* (Motschulsky).

Xanthophyllum curtisii

Euwallacea linatus (Schedl).

Xanthophyllum glaucum

Platypus lepidus Chapuis.

Xanthophyllum ostrandum

Platypus australis Chapuis.

Xanthophyllum papuanum

Baiocis unispinosus Roberts, *Platypus aequilaterus* Roberts, *Platypus daedalus* Roberts, *Platypus evanidus* Roberts, *Platypus hebetatus* Roberts, *Platypus nudiusculus* Roberts, *Platypus pectinatus* Roberts, *Platypus ternus* Roberts, *Platypus turriiformis* Roberts & Morimoto, *Platypus vaginervis* Roberts, *Platypus watutensis* Roberts.

Xanthophyllum spp.

Ambrosiodmus sarawakensis (Eggers), *Coptodryas nugax* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus schedli* Browne, *Cyrtogenius glaber* (Schedl), *Diapus bispinus* Schedl, *Diapus nanus* Schedl, *Diapus perpygmaeus* Roberts, *Diapus pusillimus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Euwallacea andamanensis* (Blandford), *Euwallacea linatus* (Schedl), *Leptoxyleborus concisus* (Blandford), *Leptoxyleborus punctatissimus* (Eichhoff), *Hyledius xanthophylli* (Browne), *Platypus fraterculus* Schedl, *Platypus jansoni* Chapuis, *Platypus nivalis* Sampson, *Platypus praepositus* Schedl, *Platypus pseudocupulatus* Schedl, *Platypus triangulatus* Browne, *Xyleborus adusticollis* (Motschulsky), *Xyleborus fallax* Eichhoff, *Xyleborus javanus* Eggers, *Xylosandrus assequens* Schedl, *Xylosandrus difficilis* (Eggers).

Xanthostemon pubescens

Xyleborus perforans (Wollaston).

Xeiopia spp.

Cryptocarenum lepidus Wood.

Xerospermum intermedium

Amasa besoni (Eggers).

Xerospermum spp.

Crossotarsus schedli Browne, *Crossotarsus siporanus* Schedl, *Cyclorhipidion sisyrnophorum* (Hagedorn), *Platypus protenus* (Schedl), *Xyleborinus pomelianus* (Schedl).

Xylia dolabriformis

Coccotrypes cyperi (Beeson), *Crossotarsus emorsus* Beeson, *Euwallacea velatus* (Sampson), *Platypus cupulatus* Chapuis, *Platypus signatus* Chapuis, *Xyleborus birmanus* Eggers, *Xyleborus fallax* Eichhoff.

Xylia xylocarpa

Crossotarsus bontouloiri Chapuis, *Crossotarsus minax* (Walker), *Euwallacea andamanensis* (Blandford), *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Euwallacea velatus* (Sampson), *Leptoxyleborus concisus* (Blandford), *Leptoxyleborus*

- sordicauda* (Motschulsky), *Platypus signatus* Chapuis, *Xyleborus fallax* Eichhoff.
- Xylocarpus gangeticus**
Crossotarsus minusculus Chapuis, *Xyleborus bidentatus* (Motschulsky).
- Xylocarpus granatum**
Platypus biuncus Blandford, *Xyleborus bidentatus* (Motschulsky).
- Xylopiia aethiopica**
Doliopygus lefevrei Schedl, *Hypothenemus eruditus* Westwood, *Periommatius substriatus* Strohmeier, *Platypus hintzi* Schaufuss, *Platypus schenklingi* (Strohmeier), *Xyleborus annectens* Schedl.
- Xylopiia caudata**
Baiocis angustipennis (Schedl), *Platypus pseudocupulatus* Schedl.
- Xylopiia cordata**
Platypus pseudocupulatus Schedl, *Platypus puerulus* (Schedl), *Platypus westwoodi* Chapuis.
- Xylopiia hypolampa**
Platypus parallelus (Fabricius).
- Xylopiia sericea**
Dryocoetoides flavus (Fabricius).
- Xylopiia spp.**
Doliopygus conradti (Strohmeier), *Periommatius angustior* Schedl, *Periommatius artecircularis* Schedl, *Platypus hintzi* Schaufuss, *Platypus watutensis* Roberts, *Platypus xanthopus* Schedl, *Prennobiis cavipennis* Eichhoff.
- Xylopiia vallotii**
Coccotrypes subovalis Eggers.
- Xylopiia villosa**
Cylindropalpus laudatus (Schedl), *Periommatius bispinus* Strohmeier, *Periommatius grandis* Schedl, *Platypus hintzi* Schaufuss, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufuss* (Strohmeier), *Xyleborus ferrugineus* (Fabricius).
- Xylosma hawaiiense**
Xyleborinus saxeseni (Ratzeburg), *Xyleborus scabratus* Schedl.
- Xylosma monospora**
Cryphalus nyalubombeae Schedl, *Doliopygus erichsoni* (Chapuis), *Lanurgus olcaeformis* Schedl, *Xyleborinus aemulus* (Wollaston).
- Xylosma suaveolens**
Xyleborus perforans (Wollaston).
- Yucca spp.**
Cactopinus depressus Bright, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Pseudothysanoes frondicolens* Wood, *Pseudothysanoes yuccae* (Wood), *Pseudothysanoes yuccatoris* Wood.
- Zanthoxylum flavum**
Ambrosiodinus lecontei Hopkins.
- Zanthoxylum rhetsum**
Euwallacea andamanensis (Blandford).
- Zea mays**
Hypothenemus californicus Hopkins, *Pagiocerus frontalis* (Fabricius).
- Zelkova carpinifolia**
Scolytus ensifer Eichhoff.
- Zelkova formosana**
Xyleborus taiwanensis Browne.
- Zelkova serrata**
Coccotrypes naidaijinensis (Murayama), *Crossotarsus niponicus* Blandford, *Euwallacea validus* (Eichhoff), *Indocryphalus pubipennis* (Blandford), *Neopteleobius scutulatus* (Blandford).
- Zelkova spp.**
Scolytoplatus tycon Blandford.
- Zexmenia spp.**
Pityophthorus diligens.
- Zhana golungensis**
Xyleborus alhuaudi Schaufuss.
- Zhana spp.**
Xyleborus alhuaudi Schaufuss.
- Ziziphus jujuba**
Amasa amputatus (Blandford), *Xylosandrus germanus* (Blandford).
- Zygia spp.**
Amphicranus spectus Wood.

Bibliography Supplement

The following bibliography is a supplement to Wood & Bright (1987: 1–685) and lists only that literature missed by the original volume or published since 1987. While the original intent was to cite the names of all species of Scolytidae and Platypodidae mentioned in this literature, copies of many items could not be found (these are marked by an asterisk [*]) and several others were unintentionally overlooked by indexers for reasons unknown to us.

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Addendum

Nine and one-half years have passed since this catalog was started. During those years significant world events have occurred, some of which have impacted the catalog. Several nations have ceased to exist, while other new ones have come into existence. The consequent changes in names or in new spellings of old names have been of concern. While we have attempted to incorporate many of those changes into the catalog, others have not been included. For example, the recent fragmentation of the former Soviet Union (USSR) into independent republics was not included. We have, however, included most, if not all, of the name changes among African nations. In 1987 it was announced by the news media that French Guiana was to become independent and would be named "Cayenne." On the strength of that announcement, we used the name Cayenne throughout the catalog. Unfortunately, the official change in name has not yet occurred.

The basic text of the catalog, including most notes, but excluding "References," was prepared by SLW. Notes prepared by DEB bear his initials. About half of the host records for Platypodidae and about one-third of those for Xyleborini came from DEB. While most of the literature citations listed under References, published from 1758 to 1959, came from SLW, his files also cover literature to 1972 or 1973 in reasonable detail and are included, as were other incidental references to 1991. Approximately two-thirds of the citations listed under References, published from 1960 to 1991, came from DEB except in *Dendroctonus*, *Ips*, Xyleborini, and Platypodidae, where the percentage of his contributions was substantially higher.

The funds needed for publication of Part 2 of the catalog, both volumes 2A and 2B, came from four sources. Approximately 57 percent came from funds conserved from grants of the U.S. sponsors (USDA and NSF), 34 percent from Canada, 2 percent from Brigham Young University, and 7 percent from S. L. Wood. The Canadian portion of publication support for Part 2 of this catalog was funded by Forestry Canada and the British Columbia Ministry of Forests under the Canada-British Columbia Partnership Agreement on Forest Resource Development: FRDA II (1991-1995). Dr. R. Asselin, Director, CLBRR, Agriculture Canada; Dr. L. Carlson, Deputy Director, Forestry Canada; and Mr. A. Shortreid, Forestry Technology Transfer Officer, Forestry Canada, arranged for and expedited the Canadian funds used for publication.

We regret the spelling error on p. 7 in the Introduction of the name of Derrick Bells.

Family Platypodidae Index

This index includes all Latin names used in this catalog for Platypodidae. Family-group names (family, subfamily, tribe) and names applied below the rank of subspecies (including aberrations, variations, nomen nudums) are given in regular type. Valid names of genera and species are in bold type. The names of synonyms of genera and species, subgeneric names, and subspecific names are given in italics. The names of fossil species are preceded by an asterisk (*). Fossil species are given at the beginning of the index and are also listed alphabetically with other names.

* <i>cylindricus</i> Burmeister, <i>Platypus</i>	1130	<i>aequalidentatus</i> Schedl, <i>Doliopygus</i>	1223
* <i>hurdi</i> Schedl, <i>Cenocephalus</i>	1109	<i>aequalis</i> Schedl, <i>Platypus</i>	1115
* <i>maravignae</i> Guerin-Menville, <i>Platypus</i>	1157	<i>aequilaterus</i> Roberts, <i>Platypus</i>	1115
* <i>quadrilobus</i> Schedl, <i>Cenocephalus</i>	1109	<i>affinis</i> Guerin-Menville, <i>Tesserocerus</i> (= <i>retusus</i>)	1100
* <i>rhinoceroide</i> (Schawaller), (<i>Mitosoma</i>), <i>Cenocephalus</i>	1109	<i>affinis</i> Strohmeier, <i>Cylindropalpus</i>	1217
* <i>succinicaptus</i> Schedl, <i>Cenocephalus</i>	1110	<i>africanus</i> Strohmeier, <i>Cylindropalpus</i> (= <i>auricomans</i>)	1218
<i>abbreviatus</i> (Chapuis), (<i>Platypus</i>), <i>Neotrachyostus</i>	1213	<i>afzeliae</i> Browne, <i>Platypus</i>	1115
<i>abbreviatus</i> (Strohmeier), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1223	<i>agathis</i> Browne, <i>Platypus</i>	1115
<i>abditulus</i> (Wood), (<i>Platypus</i>), <i>Platyscapulus</i>	1214	<i>agilis</i> Dejean, (<i>Danicerus</i>), <i>Tesserocerus</i> (= <i>insignis</i>)	1099
<i>abditus</i> (Schedl), (<i>Platypus</i>), (<i>Platyscapulus</i>)	1214	<i>agnatus</i> Schedl, <i>Platypus</i>	1115
<i>abdominales</i> Schedl, <i>Doliopygus</i>	1223	<i>albipennis</i> Motschulsky, <i>Genyocerus</i>	1093
<i>abdominalis</i> (Schedl), (<i>Diacavus</i>), <i>Genyocerus</i>	1093	<i>albipennis</i> Strohmeier, (<i>Diapus</i>), <i>Genyocerus</i> (= <i>strohmeyeri</i>)	1096
<i>abdominalis</i> (Schedl), (<i>Platypus</i>), <i>Neotrachyostus</i>	1213	<i>algius</i> Schedl, <i>Platypus</i>	1115
<i>abdominalis</i> Schedl, <i>Crossotarsus</i> (= <i>majusculus</i>)	1202	<i>alienus</i> Schedl, <i>Platypus</i>	1115
<i>abietis</i> Wood, <i>Platypus</i>	1114	<i>alternans</i> (Strohmeier), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1223
<i>abnormis</i> Schedl, <i>Platypus</i>	1114	<i>alternans</i> Chapuis, <i>Platypus</i>	1115
<i>abruptifer</i> Wood, <i>Platypus</i>	1114	<i>alternantecostatus</i> (Schedl), (<i>Platyscapus</i>), <i>Platypus</i>	1115
<i>abruptulus</i> Browne, <i>Platypus</i>	1114	<i>alternantes</i> Schedl, <i>Carchesiopygus</i>	1209
<i>abruptus</i> Browne, <i>Platypus</i> (= <i>abruptifer</i>)	1114	<i>alternantes</i> Schedl, <i>Tesserocerus</i>	1098
<i>abruptus</i> Nunberg, <i>Periommatas</i>	1102	<i>ambiguus</i> Roberts, <i>Platypus</i>	1115
<i>abruptus</i> Sampson, <i>Platypus</i>	1114	<i>amblylaminatus</i> Roberts, <i>Diapus</i>	1088
<i>acanthurus</i> (Beeson), (<i>Crossotarsus</i>), <i>Carchesiopygus</i>	1209	<i>ampliatum</i> Schedl, <i>Mitosoma</i>	1110
<i>accuratum</i> Schaufuss, <i>Mitosoma</i>	1110	<i>anatices</i> (Schedl), (<i>Platypus</i>), <i>Baiocis</i>	1216
<i>acetabuliformis</i> Roberts, <i>Platypus</i>	1114	<i>anatices</i> Schedl, <i>Platypus</i>	1115
<i>aculeatus</i> Blandford, <i>Diapus</i>	1088	<i>andamanus</i> Beeson, <i>Crossotarsus</i>	1195
<i>aculeatus javanus</i> Murayama, <i>Diapus</i> (= <i>aculeatus</i>)	1088	<i>andrewesi</i> Strohmeier, <i>Platypus</i>	1115
<i>acutespinatus</i> Nunberg, <i>Doliopygus</i>	1223	<i>angolensis</i> Schedl, <i>Doliopygus</i>	1224
<i>acuticornifer</i> Wood, <i>Platypus</i>	1114	<i>anguis</i> Browne, <i>Platypus</i>	1115
<i>acuticornis</i> Schedl, <i>Platypus</i>	1114	<i>angustatus</i> Wood, <i>Platypus</i>	1116
<i>acuticornis</i> Schedl, <i>Platypus</i> (= <i>acuticornifer</i>)	1114	<i>angustatus</i> Chapuis, <i>Platypus</i>	1116
<i>acutidens</i> (Blandford), (<i>Platypus</i>), <i>Neotrachyostus</i>	1213	<i>angustatus</i> Strohmeier, (<i>Crossotarsus</i>), <i>Platypus</i> (= <i>orientalis</i>)	1162
<i>acutidentatus</i> Murayama, <i>Platypus</i>	1114	<i>angusticeps</i> (Schedl), (<i>Platypus</i>), <i>Baiocis</i>	1216
<i>adnexus</i> Schedl, <i>Platypus</i>	1114	<i>angusticollis</i> Schedl, <i>Platypus</i>	1116
<i>aduncus</i> Chapuis, <i>Platypus</i>	1114	<i>angustidontis</i> Roberts, <i>Diapus</i>	1088
<i>aduncus</i> Schedl, <i>Doliopygus</i>	1223	<i>angustiformis</i> (Schedl), (<i>Platypus</i>), <i>Baiocis</i>	1216
<i>adursus</i> Beeson, <i>Crossotarsus</i>	1195	<i>angustiformis</i> Schedl, <i>Periommatas</i> (= <i>longicollis</i>)	1105
<i>adustipennis</i> Motschulsky, <i>Genyocerus</i>	1203	<i>angustior</i> Schedl, <i>Periommatas</i>	1102
<i>advena</i> Schedl, <i>Platypus</i>	1115	<i>angustior</i> Schedl, <i>Platypus</i>	1116
<i>aequalicinctus</i> Schedl, <i>Platypus</i>	1115	<i>angustioris</i> Schedl, <i>Platypus</i>	1116
		<i>angustipennis</i> (Schedl), (<i>Platypus</i>), <i>Baiocis</i>	1216
		<i>angustulus</i> (Schedl), (<i>Platypus</i>), <i>Baiocis</i>	1216

<i>angustus</i> Schedl, <i>Periommatius</i> (= longicollis)	1104	<i>astutus</i> Schedl, <i>Platypus</i>	1118
<i>annexus</i> Wood, <i>Platypus</i>	1116	<i>ater</i> (Strohmeyer), (<i>Platypus</i>), <i>Trachyostus</i>	1211
<i>annosus</i> Wood, <i>Protohyllastes</i>	1084	<i>ater</i> Browne, <i>Doliopygus</i>	1224
<i>annularis</i> Schedl, (<i>Platypus</i>), <i>Baiocis</i>	1216	<i>ater</i> Schedl, <i>Platypus</i> (= impressus)	1147
<i>anomalus</i> Schedl, <i>Platypus</i>	1116	<i>aterrimus</i> (Schaufuss), (<i>Platypus</i>), <i>Trachyostus</i>	1211
<i>anoplus</i> Schedl, <i>Platypus</i>	1116	<i>aterrimus minor</i> Roberts, <i>Trachyostus</i> (= aterrimus)	1211
<i>anthocephali</i> Beeson, <i>Platypus</i> (= anthocephali)	1116	<i>atkinsoni</i> Beeson, (<i>Diacavus</i>), <i>Genyocerus</i> (= sp.?)	1093
<i>anthocephali</i> Schedl, <i>Platypus</i>	1116	<i>atrans</i> Roberts, <i>Platypus</i>	1118
<i>antongilis</i> Schedl, <i>Trachyostus</i>	1211	<i>attentus</i> Schedl, <i>Platypus</i>	1118
<i>aolai</i> Browne, <i>Platypus</i>	1116	<i>aubei</i> Chapuis, <i>Tesserocerus</i> (= dewalquei)	1098
<i>apertulus</i> Schedl, <i>Platypus</i>	1116	<i>aureipilus</i> Roberts, <i>Crossotarsus</i>	1195
<i>apertus</i> Chapuis, <i>Platypus</i> (= hians)	1145	<i>auricomans</i> (Schaufuss), (<i>Platypus</i>), <i>Cylindropalpus</i>	1218
<i>apertus</i> Schedl, (<i>Diapus</i>), <i>Platypus</i>	1116	<i>auricularis</i> Chapuis, <i>Platypus</i>	1118
<i>apicalis</i> (White), (<i>Crossotarsus</i>), <i>Platypus</i>	1116	<i>auritus</i> Chapuis, <i>Platypus</i>	1118
<i>apicaloides</i> Schedl, <i>Platypus</i>	1117	<i>australis</i> Chapuis, <i>Platypus</i>	1118
<i>apicatus</i> Schedl, <i>Platypus</i>	1117	<i>Austroplatypus</i> Browne (= <i>Platypus</i>)	1113
<i>aplanatus</i> Schedl, <i>Platypus</i> (= applanatulus)	1117	<i>Baiocis</i> Browne	1216
<i>appendicinus</i> Schedl, <i>Mesoplatypus</i>	1221	<i>bajulus</i> Schedl, <i>Platypus</i>	1119
<i>appendiculatus</i> Dejean, <i>Tesserocerus</i> (= dewalquei)	1098	<i>bajulus sumatranus</i> Schedl, <i>Platypus</i> (= bajulus)	1119
<i>applanatulus</i> Wood, <i>Platypus</i>	1117	<i>balanocarpus</i> Beeson, <i>Platypus</i> (= balanocarpus Schedl)	1119
<i>applanatus</i> Wood, <i>Platypus</i>	1117	<i>balanocarpus</i> Schedl, <i>Platypus</i>	1119
<i>araucariae</i> Schedl, <i>Platypus</i>	1117	<i>banghaasi</i> (Schaufuss), (<i>Crossotarsus</i>), <i>Triozastus</i>	1220
<i>arcuatus</i> Schedl, <i>Platypus</i>	1117	<i>banghaasi banghaasi</i> (Schaufuss), <i>Triozastus</i> (= banghaasi)	1220
<i>arduus</i> (Schedl), (<i>Platyscapus</i>), <i>Platypus</i>	1117	<i>barbatulus</i> Schedl, <i>Platypus</i>	1119
<i>areolatus</i> Chapuis, <i>Platypus</i>	1117	<i>barbatus</i> Chapuis, <i>Crossotarsus</i>	1196
<i>arisannensis</i> Murayama, <i>Platypus</i>	1117	<i>barbosai</i> Schedl, <i>Platypus</i>	1119
<i>armaticeps</i> Beeson, <i>Platypus</i> (= armaticeps Schedl)	1117	<i>basilewskyi</i> Nunberg, <i>Periommatius</i>	1102
<i>armaticeps</i> Schedl, <i>Platypus</i>	1117	<i>batesi</i> Chapuis, <i>Platypus</i>	1119
<i>armatus</i> Chapuis, <i>Platypus</i>	1117	<i>beaveri</i> Browne, <i>Platypus</i>	1119
<i>armipennis</i> Lea, <i>Crossotarsus</i>	1195	<i>beesoni</i> Sampson, (<i>Mesoplatypus</i>), <i>Platypus</i> (= biflexuosus)	1120
<i>arrogans</i> Schedl, <i>Platypus</i>	1118	<i>beilschmiediae</i> Schedl, <i>Platypus</i>	1119
<i>arrowi</i> (Schedl), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1224	<i>bellus</i> Schedl, <i>Platypus</i>	1119
<i>artecarinatus</i> Schedl, <i>Platypus</i>	1118	<i>belti</i> Sharp, <i>Tesserocerus</i>	1098
<i>artecavus</i> Schedl, <i>Platypus</i> (= pseudocupulatus)	1172	<i>benevolus</i> Beeson, <i>Crossotarsus</i>	1196
<i>artecircularis</i> Schedl, <i>Periommatius</i>	1102	<i>berliniae</i> Roberts, <i>Doliopygus</i>	1224
<i>artecostatus</i> (Schedl), (<i>Platyscapus</i>), <i>Platypus</i>	1118	<i>bicallosus</i> Schedl, <i>Periommatius</i>	1102
<i>artecurtus</i> Schedl, <i>Platypus</i> (= curtus)	1130	<i>bicarinulatus</i> Schedl, <i>Platypus</i>	1119
<i>artesolidus</i> Schedl, <i>Platypus</i>	1118	<i>bicaudatulus</i> Schedl, <i>Platypus</i>	1119
<i>artespinnatus</i> (Schedl), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1224	<i>bicaudatus</i> Browne, <i>Platypus</i>	1120
<i>artestrigatus</i> Nunberg, <i>Periommatius</i>	1102	<i>biceps</i> Beeson, <i>Crossotarsus</i> (= horni)	1201
<i>artetrunctatus</i> Schedl, <i>Platypus</i>	1118	<i>bicolor</i> Montrouzier, <i>Platypus</i>	1120
<i>aruensis</i> Beeson, <i>Crossotarsus</i>	1195	<i>biconcavus</i> Schedl, <i>Crossotarsus</i>	1196
<i>Asetus</i> Nunberg, (= <i>Periommatius</i>)	1102	<i>biconicus</i> Schedl, <i>Platyarsulus</i>	1097
<i>asperatus</i> Schedl, <i>Platypus</i>	1118	<i>bicorniger</i> Schedl, <i>Platypus</i>	1120
<i>aspicis</i> Roberts & Morimoto, <i>Platypus</i>	1118	<i>bicornis</i> Beeson, <i>Platypus</i> (= insulindicus)	1149
<i>assamelae</i> Browne, <i>Platypus</i>	1118	<i>bicornis</i> Schedl, <i>Platypus</i> (= insulindicus)	1149
<i>assamensis</i> (Beeson), (<i>Crossotarsus</i>), <i>Carchesiopygus</i>	1210	<i>bicomutus</i> Nunberg, <i>Platypus</i> (= insulindicus)	1149
<i>assamensis</i> Beeson, <i>Genyocerus</i> (= diaphanus)	1094	<i>bidens</i> Schedl, <i>Platypus</i>	1120
<i>assamensis</i> Browne, (<i>Diacavus</i>), <i>Genyocerus</i> (= diaphanus)	1094	<i>bidentatus</i> Dejean, <i>Platypus</i> (= flavicornis)	1139
<i>assimilis</i> Schedl, <i>Platypus</i>	1118		
<i>associatus</i> Schedl, <i>Platypus</i>	1118		

<i>bidentatus</i> (Strohmeyer), (Crossotarsus), Doliopygus	1224	<i>brasilensis</i> Evers, Tesserocerus	1098
<i>bidentatus posticalis</i> Schedl, Doliopygus (= <i>bidentatus</i>)	1224	<i>brasilensis</i> Nunberg, Platypus	1122
<i>bidiscoplanus</i> Roberts, Doliopygus	1224	<i>brevestrigatus</i> Nunberg, Periommatius (= <i>longicollis</i>)	1105
<i>bifidus</i> Schedl, Platypus	1120	<i>brevicaudatus</i> Nunberg, Platypus	1122
<i>biflexuosus</i> Schedl, Platypus	1120	<i>brevicornis</i> Wood, Platypus	1122
<i>biformis</i> Chapuis, Platypus	1120	<i>brevicens</i> Browne, Crossotarsus	1196
<i>bifrons</i> Chapuis, Platypus (= <i>cordiger</i>)	1128	<i>brevicens</i> Browne, Triozastus	1220
<i>bifrons</i> Schedl, Periommatius	1102	<i>brevis</i> (Strohmeyer), (Crossotarsus), Doliopygus	1225
<i>bifurcus</i> (Schedl), (Crossotarsus), Platypus	1120	<i>brevis</i> Browne, Platypus	1122
<i>bifurcus</i> Schedl, Triozastus (= <i>banghaasi</i>)	1220	<i>brevis interstitialis</i> Schedl, Doliopygus (= <i>rapax</i>)	1237
<i>bifurcus mutilus</i> Schedl, (Crossotarsus), Platypus (= <i>shoreanus</i>)	1181	<i>brevispinatus</i> Nunberg, Periommatius (= <i>bispinus</i>)	1103
<i>bigranulatus</i> Schedl, Platypus	1121	<i>breviusculus</i> Schedl, Doliopygus (= <i>rapax</i>)	1237
<i>bihamatus</i> Guerin-Meneville, Tesserocerus (= <i>insignis</i>)	1100	<i>brochus</i> Beeson, Diapus (= <i>spatulifer</i>)	1092
<i>bihamatus</i> Schedl, Platypus	1121	<i>brownei</i> Beaver, Triozastus	1220
<i>bijunctospinae</i> Roberts, Doliopygus	1225	<i>brownei</i> Schedl, Crossotarsus	1196
<i>bilobatus</i> (Schedl), (Crossotarsus), Doliopygus	1225	<i>brownei</i> Schedl, Diapus	1089
<i>bilobatus</i> Nunberg, Mesoplatypus	1221	<i>brownei</i> Schedl, Platypus	1122
<i>bilobatus</i> Strohmeyer, Platypus	1121	<i>brunneus</i> Chapuis, Platypus	1122
<i>bilobipennis</i> Schedl, Platypus	1121	<i>bugiriensis</i> Nunberg, Doliopygus (= <i>chapuisi</i>)	1226
<i>bilobus</i> (Schedl), (Platypus), Tesserocerus	1098	<i>bulbifer</i> Schedl, Doliopygus	1225
<i>bilunatus</i> Schedl, Diapus	1088	<i>bulbiventris</i> Schedl, Doliopygus	1226
<i>bimaculata</i> Duftschmidt, (Cylindra), Platypus (= <i>cylindrus</i>)	1132	<i>bulbosus</i> Roberts, Doliopygus (= <i>bulbifer</i>)	1225
<i>binodulus</i> Chapuis, Platypus	1121	<i>burmanus</i> (Sampson), (Crossotarsus), Platypus	1122
<i>bipapillatus</i> Roberts, Doliopygus	1225	<i>cachani</i> Schedl, Mesoplatypus (= <i>quinquicinctus</i>)	1222
<i>biporus</i> (Schedl), (Diacavus), Genyocerus	1093	<i>caelestis</i> Roberts & Morimoto, Platypus	1122
<i>biporus</i> Beeson, Genyocerus (= <i>biporus</i>)	1093	<i>caesalpiniae</i> Roberts, Doliopygus	1226
<i>biporus</i> Blandford, Platypus	1121	<i>calabaricus</i> Roberts, Mesoplatypus	1221
<i>bipyramidus</i> Roberts & Morimoto, Platypus	1121	<i>calamus</i> Blandford, Platypus	1122
<i>bisignatus</i> Schedl, Platypus	1121	<i>calamus fukiensis</i> Schedl, Platypus (= <i>calamus</i>)	1123
<i>bispinatus</i> Browne, Platypus	1121	<i>caledoniae</i> Schedl, Platypus	1123
<i>bispinus</i> Schedl, Diapus	1088	<i>caliculus</i> Chapuis, Platypus (= <i>luniger</i>)	1156
<i>bispinus</i> Strohmeyer, Periommatius	1103	<i>caligatus</i> Schedl, Platypus	1123
<i>bistriatus</i> Browne, Platypus (= <i>deflectus</i>)	1134	<i>caliginosus</i> Roberts, Crossotarsus	1196
<i>bitalei</i> Schedl, Doliopygus	1225	<i>caliginosus</i> Roberts, Cylindropalpus	1218
<i>bituberculatus</i> Nunberg, Mesoplatypus (= <i>ventricornis</i>)	1223	<i>caliginosus</i> Roberts, Doliopygus (= <i>artespيناتus</i>)	1224
<i>bituberculatus</i> Schedl, (Crossotarsus), Doliopygus (= <i>artespيناتus</i>)	1224	<i>caliginosus</i> Roberts, Triozastus	1220
<i>bituberculatus</i> Schedl, Platypus (= <i>bigranulatus</i>)	1121	<i>caliginosus humilis</i> Browne, Triozastus (= <i>caliginosus</i>)	1220
<i>bituberculifer</i> Wood, Platypus (= <i>bigranulatus</i>)	1121	<i>caliginosus</i> Schedl, Platypus	1123
<i>biuncus</i> Blandford, Platypus	1121	<i>calix</i> Schedl, (Platypus), Platyscapulus (= <i>costellatus</i>)	1215
<i>blanchardi</i> Chapuis, Platypus (= <i>quadridentatus</i>)	1174	<i>cambodianus</i> Schedl, Platypus (= <i>piniperda</i>)	1170
<i>blumi</i> Schedl, Platypus (= <i>cupulatus</i>)	1129	<i>camerunus</i> (Schedl), (Platyscapus), Cylindropalpus	1218
<i>boettcheri</i> Schedl, Platypus	1122	<i>camerunus</i> Strohmeyer, Periommatius (= <i>longicollis</i>)	1104
<i>bohemani</i> (Chapuis), (Crossotarsus), Doliopygus	1225	<i>camerunus angustiformis</i> Schedl, Periommatius (= <i>longicollis</i>)	1105
<i>bonvouloiri</i> Chapuis, Crossotarsus	1196	<i>camerunus brevestrigatus</i> Nunberg, Periommatius (= <i>longicollis</i>)	1105
<i>borneensis</i> Browne, Diapus	1089	<i>camerunus crebrestrigatus</i> Nunberg, Periommatius (= <i>longicollis</i>)	1105
<i>borneensis</i> Browne, Platypus	1122	<i>canaliculatus</i> Schedl, Platypus	1123
<i>borneensis</i> Schedl, Platytarsulus	1097	<i>candezei</i> Chapuis, Platypus	1123
<i>bothrocephalus</i> (Strohmeyer), (Crossotarsus), Doliopygus	1225	<i>capillatus</i> Sampson, Diapus (= <i>molossus</i>)	1090
		<i>capitalis</i> Beeson, Diapus (= <i>spatulifer</i>)	1092

<i>capitilanus</i> Roberts & Morimoto, <i>Platypus</i>	1123	<i>clunalis</i> Wood, <i>Platypus</i>	1125
<i>capito</i> Browne, <i>Platypus</i>	1123	<i>cluniculus</i> Wood, <i>Platypus</i>	1125
<i>carapae</i> Schedl, <i>Doliopygus</i>	1226	<i>clunis</i> Wood, <i>Platypus</i>	1125
<i>caravanis</i> Schedl, <i>Platypus</i>	1123	<i>coadunatus</i> Schedl, <i>Platypus</i>	1125
<i>carbonescens</i> (Beeson), (<i>Crossotarsus</i>), <i>Platypus</i>	1123	<i>Coecephalonus</i> Schedl (= <i>Mitosoma</i>)	1110
<i>Carchesiopygus</i> Schedl	1209	<i>coelocephalus</i> (Schaufuss), <i>Doliopygus</i>	1227
<i>carduus</i> Schedl, <i>Platypus</i>	1123	<i>cognatus</i> Roberts, <i>Platypus</i>	1125
<i>carinatus</i> Schedl, <i>Trachyostus</i>	1211	<i>coleopteratus</i> (Schedl), (<i>Crossotarsus</i>), <i>Platypus</i>	1125
<i>carinifer</i> Schedl, <i>Platypus</i>	1123	<i>collaris</i> Schedl, <i>Platypus</i>	1125
<i>carinifrons</i> Schedl, <i>Platypus</i>	1123	<i>collatatus</i> Schedl, <i>Platypus</i>	1125
<i>carinulatus</i> (Chapuis), (<i>Platypus</i>), <i>Platyscapulus</i>	1214	<i>collaticius</i> Schedl, <i>Periomnatus</i>	1103
<i>caryophyllatus</i> Schedl, <i>Platypus</i>	1123	<i>collinus</i> Browne, <i>Platypus</i>	1125
<i>castaneus</i> Broun, <i>Platypus</i> (= <i>apicalis</i>)	1117	<i>comalis</i> Roberts, <i>Platypus</i> (= <i>acetabuliformis</i>)	1114
<i>castaneus</i> Strohmeier, (<i>Crossotarsus</i>), <i>Platypus</i> (= <i>orientalis</i>)	1162	<i>comatus</i> Chapuis, <i>Crossotarsus</i>	1197
<i>castigatus</i> (Schedl), (<i>Crossotarsus</i>), <i>Platypus</i>	1124	<i>comoreanus</i> Schedl, <i>Platypus</i>	1125
<i>caudatus</i> Motschulsky, <i>Platypus</i> (= <i>solidus</i>)	1183	<i>compactus</i> (Schedl), (<i>Diacavus</i>), <i>Genyocerus</i>	1093
<i>caudatus</i> Schedl, <i>Platypus</i> (= <i>brasilensis</i>)	1122	<i>compactus</i> <i>dubiosus</i> Schedl, (<i>Diacavus</i>), <i>Genyocerus</i> (= <i>compactus</i>)	1093
<i>caviceps</i> Broun, <i>Platypus</i>	1124	<i>complanatus</i> Schedl, <i>Platypus</i>	1125
<i>cavifrons</i> Blandford, <i>Crossotarsus</i> (= <i>indomitus</i>)	1201	<i>complanus</i> Schedl, <i>Platypus</i>	1126
<i>cavus</i> Strohmeier, <i>Platypus</i>	1124	<i>compositus</i> Say, <i>Platypus</i>	1126
<i>celsus</i> Roberts, <i>Platypus</i>	1124	<i>compressus</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1166
<i>Cenocephalariae</i> Strohmeier (= <i>Tesserocerini</i>)	1088	<i>concaivfrons</i> Schedl, <i>Crossotarsus</i>	1197
<i>Cenocephalini</i> Strohmeier (= <i>Tesserocerini</i>)	1088	<i>concaivfrons</i> Schedl, <i>Platypus</i>	1127
<i>Cenocephalus</i> Chapuis	1109	<i>concaivus</i> (Chapuis), (<i>Platypus</i>), <i>Neotrachyostus</i>	1213
<i>Chaetastus</i> Nunberg	1107	<i>concentriporus</i> Roberts, <i>Platypus</i>	1127
<i>chalcographus</i> Schedl, <i>Crossotarsus</i>	1196	<i>conciliatus</i> Schedl, <i>Platypus</i>	1127
<i>chapuisi</i> (Duvivier), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1226	<i>concinulus</i> Blandford, <i>Platypus</i>	1127
<i>chapuisi</i> Blandford, <i>Crossotarsus</i> (= <i>concinus</i>)	1197	<i>concinus</i> Blandford, <i>Crossotarsus</i>	1197
<i>chapuisi</i> Schedl, <i>Tesserocerus</i>	1098	<i>confusus</i> Roberts, <i>Doliopygus</i> (= <i>dubius</i>)	1229
<i>chapuisi</i> Strohmeier, <i>Mitosoma</i>	1110	<i>congoanus</i> Duvivier, <i>Platypus</i> (= <i>parallelus</i>)	1168
<i>chapuisi nitidiventris</i> Schedl, <i>Doliopygus</i> (= <i>chapuisi</i>)	1226	<i>congoanus</i> Nunberg, <i>Periomnatus</i>	1103
<i>Chapuisia</i> Duges (= <i>Schedlarius</i>)	1087	<i>congonus</i> Browne, <i>Doliopygus</i>	1227
<i>Chapuisidae</i> Blandford (= <i>Schedlarini</i>)	1084, 1087	<i>coniferae</i> Stebbing, <i>Crossotarsus</i>	1197
<i>Chapuisides</i> Blandford (= <i>Schedlarini</i>)	1087	<i>conjunctus</i> Schedl, <i>Doliopygus</i>	1227
<i>Chapuisinae</i> Blandford (= <i>Schedlarini</i>)	1087	<i>conjunctus</i> Schedl, <i>Platypus</i>	1127
<i>cheesmani</i> Schedl, <i>Crossotarsus</i>	1196	<i>conjunctus</i> Schedl, <i>Platypus</i> (= <i>cupulatulus</i>)	1129
<i>chevrolati</i> Chapuis, <i>Platypus</i>	1124	<i>connexus</i> Wood, <i>Platypus</i>	1127
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<i>impressus</i> Janson, <i>Diapus</i> (= <i>molossus</i>)	1089
<i>impressus</i> ater Schedl, <i>Platypus</i> (= <i>impressus</i>)	1147
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<i>inermis</i> Sampson, <i>Platypus</i>	1148
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<i>insignis</i> (Saunders), (<i>Platypus</i>), <i>Tesserocerus</i>	1099
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<i>insularis</i> Strohmeier, <i>Platypus</i>	1149

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<i>integratus</i> Roberts, <i>Doliopygus</i>	1231	<i>lablabiae</i> Schedl, <i>Platypus</i>	1151
<i>interjectus</i> Schedl, <i>Doliopygus</i>	1231	<i>labrifrons</i> Schedl, <i>Platypus</i>	1151
<i>intermedius</i> (Browne), (<i>Diacavus</i>), <i>Genyocerus</i>	1094	<i>lacordairei</i> Chapuis, <i>Crossotarsus</i>	1201
<i>intermedius</i> (Schedl), <i>Platypus</i>	1149	<i>laevicollis</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1167
<i>intermedius</i> Chapuis, <i>Crossotarsus</i>	1201	<i>laevigatus</i> Chapuis, <i>Crossotarsus</i>	1201
<i>intermedius</i> Schedl, <i>Spathidicerus</i> (= <i>nobilis</i>)	1101	<i>laevis</i> Browne, <i>Platypus</i>	1151
<i>interponens</i> Schedl, <i>Platypus</i>	1149	<i>lafertei</i> Chapuis, <i>Platypus</i>	1151
<i>interpositus</i> (Schedl), (<i>Platyscapulus</i>), <i>Cylindropalpus</i>	1219	<i>lalolaensis</i> Nunberg, <i>Cenocephalus</i>	1109
<i>interpositus</i> Schedl, <i>Doliopygus</i> (= <i>citri</i>)	1226	<i>laminatus</i> Schedl, <i>Platypus</i>	1152
<i>interruptus</i> (Sampson), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1231	<i>laosi</i> Schedl, <i>Platypus</i>	1152
<i>interstitialis</i> Schedl, <i>Doliopygus</i> (= <i>rapax</i>)	1237	<i>laratensis</i> Beeson, <i>Crossotarsus</i>	1201
<i>interstitialis</i> Schedl, <i>Platypus</i> (= <i>occipitalis</i>)	1161	<i>lateconcavus</i> Schedl, <i>Platypus</i>	1152
<i>interstitialis</i> Schedl, <i>Trachyostus</i>	1212	<i>latedeclivis</i> Schedl, <i>Platypus</i>	1152
<i>intritus</i> (Schedl), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1231	<i>latelobatus</i> Browne, <i>Platypus</i>	1152
<i>inutilis</i> (Schedl), (<i>Crossotarsus</i>), <i>Platypus</i>	1149	<i>latelunatus</i> Beeson, (<i>Crossotarsus</i>), <i>Platypus</i> (= <i>subdepressus</i>)	1185
<i>inversus</i> Roberts, <i>Platypus</i> (= <i>crassicornis</i>)	1128	<i>lateralis</i> Schedl, <i>Doliopygus</i>	1232
<i>involutus</i> Schedl, <i>Platypus</i>	1149	<i>latescapus</i> Nunberg, <i>Periommatas</i>	1104
<i>iriani</i> Browne, <i>Platypus</i>	1150	<i>latespinatus</i> Nunberg, <i>Periommatas</i>	1104
<i>irregularis</i> Browne, (<i>Diacavus</i>), <i>Genyocerus</i> (= <i>albipennis</i>)	1093	<i>latespinis</i> Schedl, <i>Diapus</i>	1089
<i>irregularis</i> Schedl, <i>Platypus</i>	1150	<i>laticollis</i> (Browne), (<i>Diacavus</i>), <i>Genyocerus</i>	1094
<i>irrepertus</i> Schedl, <i>Platypus</i>	1150	<i>laticollis</i> Chapuis, <i>Platypus</i>	1152
<i>irruptus</i> Schedl, <i>Platypus</i>	1150	<i>latidens</i> Browne, <i>Platypus</i>	1152
<i>ivagaii</i> Roberts & Morimoto, <i>Platypus</i>	1150	<i>latifinis</i> Walker, <i>Platypus</i>	1152
<i>jamaicensis</i> Bright, <i>Platypus</i>	1150	<i>latreillei</i> Chapuis, <i>Platypus</i>	1152
<i>jansonii</i> Chapuis, <i>Platypus</i>	1150	<i>latrirostris</i> (Pascoe), (<i>Psepholax</i>), <i>Protohylastes</i>	1084
<i>javanus</i> Beeson, <i>Crossotarsus</i>	1201	<i>laudatus</i> (Schedl), (<i>Platyscapus</i>), <i>Cylindropalpus</i>	1219
<i>javanus</i> Browne, <i>Platypus</i>	1150	<i>lawasensis</i> Browne, <i>Platypus</i>	1152
<i>javanus</i> Murayama, <i>Diapus</i> (= <i>aculeatus</i> ?)	1088	<i>lebasi</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1166
<i>javanus</i> Strohmeier, <i>Spathidicerus</i>	1101	<i>lebruni</i> Schedl, <i>Doliopygus</i>	1232
<i>jeffersi</i> Browne, <i>Platypus</i> (= <i>bigranulatus</i>)	1121	<i>lecomtei</i> Schedl, <i>Doliopygus</i>	1232
<i>jelskii</i> Nunberg, <i>Platypus</i>	1150	<i>lecontei</i> Chapuis, <i>Crossotarsus</i>	1201
<i>jurioni</i> Schedl, <i>Doliopygus</i>	1231	<i>lefevrei</i> Schedl, <i>Doliopygus</i>	1232
<i>juvencus</i> Schedl, <i>Platypus</i>	1150	<i>leleupi</i> Nunberg, <i>Doliopygus</i> (= <i>bidentatus</i>)	1224
<i>kakaoensis</i> Schedl, <i>Doliopygus</i>	1231	<i>leonensis</i> Roberts, <i>Doliopygus</i> (= <i>nitidulus</i>)	1234
<i>kalshoveni</i> Schedl, <i>Platypus</i>	1150	<i>leonensis</i> Roberts, <i>Platypus</i> (= <i>orientalis</i>)	1163
<i>kanarensis</i> Beeson, <i>Platypus</i> (= <i>uncinatus</i>)	1190	<i>lepidus</i> Chapuis, <i>Platypus</i>	1152
<i>karii</i> Beaver, <i>Doliopygus</i>	1231	<i>lepidus formosanus</i> Nüsima & Murayama, <i>Platypus</i> (= <i>flectus</i>)	1140
<i>katoi</i> Browne, <i>Platypus</i>	1151	<i>leprosus</i> Browne, <i>Platypus</i>	1153
<i>keelungensis</i> Browne, <i>Platypus</i>	1151	<i>lesiniformis</i> Roberts, <i>Platypus</i>	1153
<i>kenyaensis</i> Schedl, <i>Doliopygus</i> (= <i>bidentatus</i>)	1224	<i>levannongi</i> Schedl, <i>Platypus</i>	1153
<i>keyensis</i> Strohmeier, <i>Crossotarsus</i>	1201	<i>lewisi</i> Blandford, <i>Platypus</i>	1153
<i>kitushi</i> Schedl, <i>Mesoplatypus</i>	1222	<i>limbatus</i> Chapuis, <i>Platypus</i>	1153
<i>kiushuensis</i> Murayama, <i>Platypus</i>	1151	<i>linearis</i> Chapuis, <i>Tesserocerus</i>	1100
<i>klapperichi</i> (Schedl), (<i>Stenoplatypus</i>), <i>Platypus</i>	1151	<i>linearis</i> Stephens, <i>Platypus</i> (= <i>parallelus</i>)	1165
<i>kokodaensis</i> (Schedl), (<i>Crossotarsus</i>), <i>Platypus</i>	1151	<i>lineaticornis</i> Schedl, <i>Platypus</i>	1153
<i>kondulensis</i> Beeson, <i>Crossotarsus</i>	1201	<i>lineellus</i> Schedl, <i>Platypus</i>	1154
<i>konincki</i> Chapuis, <i>Platypus</i>	1151	<i>lingulatus</i> Roberts & Morimoto, <i>Platypus</i>	1154
<i>koryoensis</i> (Murayama), (<i>Crossotarsus</i>), <i>Platypus</i>	1151	<i>liraticus</i> Wood, <i>Platypus</i>	1154
<i>kraatzi</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1166	<i>liratus</i> Blandford, <i>Platypus</i>	1154
<i>kreczmeri</i> Nunberg, <i>Periommatas</i>	1104	<i>lobacanthus</i> Beeson, <i>Carchesiopygus</i> (= <i>lobacanthus</i> Schedl)	1210
<i>kuntzeni</i> (Schedl), (<i>Platypus</i>), <i>Baicius</i>	1216	<i>lobacanthus</i> Schedl, <i>Carchesiopygus</i>	1210

<i>lobatum</i> Schedl, <i>Mitosoma</i>	1111	<i>malkini</i> Schedl, <i>Doliopygus</i>	1232
<i>lobatus</i> (Chapuis), (Platypus), <i>Neotrachyostus</i>	1213	<i>maniensis</i> Browne, <i>Platypus</i>	1156
<i>lobatus</i> (Schedl), (Crossotarsus), <i>Doliopygus</i>	1232	<i>manipularis</i> Schedl, <i>Platypus</i> (= <i>equadorensis</i>)	1137
<i>lobatus</i> Broun, <i>Platypus</i> (= <i>caviceps</i>)	1124	<i>manus</i> (Schedl), (Platypus), <i>Platyscapulus</i>	1215
<i>lonaeensis</i> Roberts, <i>Platypus</i> (= <i>orientalis</i>)	1163	° <i>maravignae</i> Guerin-Meneville, <i>Platypus</i>	1157
<i>longicaudatus</i> Nunberg, <i>Platypus</i> (= <i>micrurus</i>)	1157	<i>marcidus</i> Blandford, <i>Platypus</i>	1157
<i>longicalcaratus</i> Roberts, <i>Platypus</i>	1154	<i>margaritaceus</i> Roberts & Morimoto, <i>Platypus</i>	1157
<i>longicollis</i> Browne, <i>Crossotarsus</i>	1202	<i>marginatus</i> Chapuis, <i>Platypus</i>	1157
<i>longicollis</i> Browne, <i>Platypus</i>	1154	<i>maritimus</i> Beeson, <i>Platypus</i> (= <i>maritimus</i> Schedl)	1157
<i>longicollis</i> Chapuis, <i>Periommatatus</i>	1104	<i>maritimus</i> Schedl, <i>Platypus</i>	1157
<i>longicornis</i> (Schedl), (Platypus), <i>Crossotarsus</i>	1202	<i>marseuli</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1166
<i>longicornis</i> Browne, <i>Platypus</i> (= <i>acuticornifer</i>)	1114	<i>marshalli</i> (Sampson), (Crossotarsus), <i>Triozastus</i>	1220
<i>longior</i> Wood, <i>Platypus</i>	1154	<i>marshalli</i> Schedl, <i>Platyarsulus</i>	1097
<i>longipennis</i> Montrouzier, <i>Platypus</i>	1154	<i>matoae</i> Browne, <i>Platypus</i>	1157
<i>longispinus</i> Beeson, <i>Diapus</i> (= <i>pendleburyi</i>)	1090	<i>mattai</i> Brethes, <i>Platypus</i> (= <i>parallelus</i>)	1168
<i>longissimus</i> Roberts, <i>Platypus</i>	1154	<i>maximus</i> Browne, <i>Cylindropalpus</i>	1219
<i>longius</i> Wood, <i>Platypus</i>	1154	<i>maynei</i> Schedl, <i>Doliopygus</i>	1232
<i>longulus</i> Chapuis, <i>Platypus</i>	1154	Mecopelmini Wood	1086
<i>longus</i> Nunberg, <i>Periommatatus</i>	1105	Mecopelmus Blackman	1086
<i>lopchuensis</i> Beeson, <i>Platypus</i> (= <i>lopchuensis</i> Schedl)	1155	<i>medius</i> Schedl, <i>Doliopygus</i>	1232
<i>lopchuensis</i> Schedl, <i>Platypus</i>	1154	<i>medius</i> Schedl, <i>Trachyostus</i> (= <i>schaufussi</i>)	1212
<i>lophopetali</i> Browne, <i>Platypus</i>	1155	<i>megatoma</i> Schedl, <i>Doliopygus</i>	1232
<i>loriae</i> (Schedl), (Crossotarsus), <i>Platypus</i>	1155	<i>megatoma</i> vexator Schedl, <i>Doliopygus</i> (= <i>megatoma</i>)	1233
<i>loricatus</i> (Sampson), (Crossotarsus), <i>Platypus</i>	1155	<i>melanocephalus</i> Dejean, (<i>Damicerus</i>), <i>Tesserocerus</i> (= <i>insignis</i>)	1099
<i>lucaris</i> Schedl, <i>Platypus</i>	1155	<i>melanurus</i> Chapuis, <i>Platypus</i> (= <i>pulicaris</i>)	1173
<i>lucasi</i> Chapuis, <i>Platypus</i>	1155	Mesoplatypus Strohmeier	1221
<i>luebensis</i> Nunberg, <i>Periommatatus</i>	1105	<i>Mesopygus</i> Nunberg (= <i>Doliopygus</i>)	1223
<i>luederwaldti</i> Schedl, (Platypus), <i>Platyscapulus</i> (= <i>costellatus</i>)	1215	<i>mexicanus</i> Duges, (<i>Chapuisia</i>), <i>Schedlarius</i>	1087
<i>lunatellus</i> Browne, <i>Platypus</i>	1155	<i>micrographus</i> Schedl, <i>Platypus</i>	1157
<i>lunatipennis</i> Schedl, <i>Platypus</i>	1155	<i>microlunatus</i> Browne, <i>Platypus</i>	1157
<i>lunatulus</i> Browne, <i>Platypus</i> (= <i>tayabasi</i>)	1187	<i>micrurus</i> Schedl, <i>Platypus</i>	1157
<i>lunatus</i> Browne, <i>Platypus</i> (= <i>tayabasi</i>)	1187	<i>mimicus</i> (Schedl), (Crossotarsus), <i>Doliopygus</i>	1233
<i>lunifer</i> Schedl, <i>Platypus</i>	1155	<i>minacior</i> Schedl, <i>Platypus</i>	1157
<i>luniger</i> Motschulsky, <i>Platypus</i>	1155	<i>minax</i> (Walker), (Platypus), <i>Crossotarsus</i>	1202
<i>luridus</i> Chapuis, <i>Platypus</i>	1156	<i>minimus</i> Schedl, <i>Doliopygus</i>	1233
<i>luzonicus</i> Schedl, <i>Platypus</i>	1156	<i>minor</i> Beeson, <i>Diapus</i> (= <i>minor</i> Schedl)	1089
<i>macer</i> Browne, <i>Platypus</i>	1156	<i>minor</i> Browne, <i>Platypus</i>	1157
<i>machili</i> Beeson, <i>Crossotarsus</i>	1202	<i>minor</i> Roberts, <i>Trachyostus</i> (= <i>aterrimus</i>)	1211
<i>macroporus</i> Chapuis, <i>Platypus</i>	1156	<i>minor</i> Sampson, <i>Crossotarsus</i> (= <i>squamulatus</i>)	1207
<i>maculatus</i> Schaufuss, (Crossotarsus), <i>Doliopygus</i> (= <i>chapuisi</i>)	1226	<i>minor</i> Schedl, <i>Cenocephalus</i> (= <i>pulchellus</i>)	1109
<i>maculatus</i> Schedl, <i>Scolytotarsus</i>	1085	<i>minor</i> Schedl, <i>Diapus</i>	1089
<i>madagascariensis</i> Chapuis, <i>Platypus</i>	1156	<i>minor</i> Schedl, <i>Doliopygus</i>	1233
<i>maeklini</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1167	<i>minor</i> Schedl, <i>Trachyostus</i> (= <i>schaufussi</i>)	1212
<i>magnus</i> Browne, <i>Platypus</i>	1156	<i>minusculus</i> Chapuis, <i>Crossotarsus</i>	1202
<i>major</i> Sampson, <i>Platypus</i> (= <i>vethi</i>)	1192	<i>minusculus</i> Schedl, <i>Platypus</i>	1157
<i>major</i> Strohmeier, <i>Periommatatus</i>	1105	<i>minusculus</i> grandis Schedl, <i>Crossotarsus</i> (= <i>minusculus</i>)	1202
<i>major</i> Schedl, <i>Trachyostus</i> (= <i>schaufussi</i>)	1212	<i>minusculus</i> novaguineensis Roberts, <i>Crossotarsus</i> (= <i>minusculus</i>)	1203
<i>majusculus</i> Sampson, <i>Crossotarsus</i>	1202	<i>minutissimus</i> (Schedl), (Crossotarsus), <i>Doliopygus</i>	1233
<i>malacanthae</i> Roberts, <i>Platypus</i> (= <i>impressus</i>)	1147	<i>minutissimus</i> Schedl, <i>Diapus</i>	1089
<i>malaisei</i> Schedl, <i>Platypus</i>	1156	<i>minutissimus</i> Schedl, <i>Platypus</i>	1157
<i>malayensis</i> Schedl, <i>Platypus</i> (= <i>vethi</i>)	1192	<i>minutus</i> Nunberg, <i>Periommatatus</i>	1105
<i>malgassicus</i> Schedl, <i>Diapus</i>	1089	<i>minutus</i> Roberts, <i>Platypus</i> (= <i>orientalis</i>)	1163
<i>malignus</i> Schedl, <i>Platypus</i>	1156		

<i>mirabile</i> Nunberg, <i>Mitosoma</i>	1111	<i>nebulosus</i> Roberts, <i>Platypus</i>	1159
<i>mirabilis</i> Menier, <i>Platytersulus</i>	1097	<i>negatus</i> Schedl, <i>Platypus</i>	1159
<i>mirabilis</i> Nunberg, <i>Periommatius</i>	1105	<i>neglectus</i> Schedl, <i>Platypus</i>	1159
<i>mirandus</i> Schedl, <i>Platypus</i>	1157	<i>memorosus</i> Roberts, <i>Platypus</i>	1159
<i>mirus</i> Sampson, (<i>Diapus</i>), <i>Genyocerus</i> (= <i>furtivus</i>)	1096	<i>neoconjunctus</i> Schedl, <i>Doliopygus</i>	1234
<i>misoolensis</i> Browne, <i>Platypus</i>	1158	<i>neopartibilis</i> Roberts, <i>Platypus</i>	1159
<i>Mitosoma</i> Chapuis	1110	<i>neoplicatus</i> Schedl, <i>Platypus</i>	1159
<i>mitratus</i> Nunberg, <i>Doliopygus</i>	1233	<i>neosolidus</i> Schedl, <i>Platypus</i>	1159
<i>Mixopygus</i> Nunberg (= <i>Doliopygus</i>)	1223	<i>Neotrachyostus</i> Browne	1213
<i>mixtus</i> Schedl, <i>Platypus</i>	1158	<i>neotruncatus</i> Schedl, <i>Platypus</i>	1159
<i>mjobergi</i> Schedl, <i>Platypus</i>	1158	<i>neotruncatus</i> Schedl, <i>Platypus</i> (= <i>leprosus</i>)	1153
<i>mkusii</i> Strohmeier, <i>Periommatius</i>	1105	<i>nepalensis</i> Schedl, <i>Crossotarsus</i>	1203
<i>mniszechi</i> Chapuis, <i>Crossotarsus</i>	1203	<i>nevermanni</i> Schedl, <i>Tesseroceramus</i>	1101
<i>modestus</i> Beaver, <i>Doliopygus</i>	1233	<i>nicobaricus</i> Beeson, <i>Crossotarsus</i> (= <i>terminatus</i>)	1208
<i>modestus</i> Blandford, <i>Platypus</i>	1158	<i>niger</i> Nunberg, <i>Platypus</i> (= <i>hintzi</i>)	1145
<i>modigliani</i> (Schedl), (<i>Crossotarsus</i>), <i>Platypus</i>	1158	<i>nigeriensis</i> Nunberg, <i>Periommatius</i>	1105
<i>moikui</i> Schedl, <i>Spathicranuloides</i>	1210	<i>nigeriensis</i> Roberts, <i>Doliopygus</i>	1234
<i>molossus</i> Chapuis, <i>Diapus</i>	1089	<i>nigeriensis</i> Roberts, <i>Mesoplatypus</i> (= <i>venustus</i>)	1223
<i>moluccanus</i> Schedl, <i>Crossotarsus</i>	1203	<i>nigrum</i> Schaufuss, <i>Mitosoma</i>	1111
<i>montanus</i> Roberts, <i>Doliopygus</i>	1234	<i>nijimai</i> Murayama, <i>Platypus</i>	1159
<i>montanus</i> Schedl, <i>Chaetastus</i>	1108	<i>nilgircus</i> Beeson, <i>Crossotarsus</i> (= <i>externedentatus</i>)	1199
<i>montanus</i> Schedl, <i>Platypus</i> (= <i>orientalis</i>)	1163	<i>niponicus</i> Blandford, <i>Crossotarsus</i>	1203
<i>montanus</i> Schedl, <i>Tesserocerus</i> (= <i>guerini</i>)	1099	<i>nitens</i> Browne, <i>Doliopygus</i>	1234
<i>montivagus</i> Roberts, <i>Platypus</i> (= <i>spinulosus</i>)	1184	<i>nitens</i> Browne, <i>Platypus</i>	1159
<i>mordax</i> Sampson, <i>Platypus</i> (= <i>impressus</i>)	1147	<i>nitens</i> Chapuis, <i>Crossotarsus</i>	1203
<i>morigerus</i> Schedl, <i>Platypus</i>	1158	<i>nitescens</i> Schedl, <i>Crossotarsus</i>	1204
<i>morebeensis</i> Browne, <i>Platypus</i>	1158	<i>nitidicollis</i> Schedl, <i>Platypus</i>	1159
<i>morosus</i> Schedl, <i>Platypus</i>	1158	<i>nitidicollis</i> Strohmeier, <i>Periommatius</i>	1105
<i>morsi</i> Chapuis, <i>Tesserocerus</i>	1100	<i>nitidior</i> (Schedl), (<i>Trachyostus</i>), <i>Crossotarsus</i>	1204
<i>motui</i> Schedl, <i>Crossotarsus</i>	1203	<i>nitidipennis</i> Schedl, <i>Platypus</i>	1159
<i>mul santi</i> Chapuis, <i>Platypus</i>	1158	<i>nitidiventris</i> Schedl, <i>Doliopygus</i> (= <i>chapuisi</i>)	1226
<i>multidentatus</i> (Strohmeier), (<i>Crossotarsus</i>), <i>Carchesiopygus</i>	1210	<i>nitidulus</i> (Schedl), (<i>Platypus</i>), <i>Crossotarsus</i>	1204
<i>multifoceolatus</i> Schedl, <i>Platypus</i> (= <i>truncatipennis</i>)	1190	<i>nitidulus</i> Schedl, <i>Doliopygus</i>	1234
<i>multi porus</i> (Schedl), (<i>Diapus</i>), <i>Genyocerus</i>	1094	<i>novalis</i> Sampson, <i>Platypus</i>	1159
<i>multi porus</i> Schedl, <i>Platypus</i>	1158	<i>nobilis</i> (Schaufuss), (<i>Platypus</i>), <i>Trachyostus</i>	1212
<i>multi porus</i> Schedl, <i>Treptoplatypus</i>	1194	<i>nobilis</i> Chapuis, <i>Spathidicerus</i>	1101
<i>multi punctus</i> Roberts, <i>Doliopygus</i>	1234	<i>nocuus</i> Schedl, <i>Platypus</i>	1160
<i>murayamaensis</i> Schedl, <i>Platypus</i> (= <i>flexus</i>)	1140	<i>noonadanae</i> Browne, <i>Platypus</i>	1160
<i>muricatus</i> Roberts, <i>Platypus</i>	1158	<i>norfolkensis</i> Schedl, <i>Platypus</i>	1160
<i>mussooriensis</i> Beeson, <i>Crossotarsus</i>	1203	<i>notatus</i> Schedl, <i>Doliopygus</i>	1234
<i>mutatus</i> Chapuis, <i>Platypus</i>	1158	<i>nothofagus</i> Roberts, <i>Platypus</i>	1160
<i>mutilatus</i> Chapuis, <i>Tesserocerus</i> (= <i>morsi</i>)	1100	<i>Notoplatypus</i> Lea	1097
<i>mutilus</i> Schedl, <i>Platypus</i> (= <i>bifurcus</i>)	1120	<i>novaeguineensis</i> Roberts, <i>Platypus</i>	1160
<i>mutilus</i> Schedl, <i>Platypus</i> (= <i>shoreanus</i>)	1181	<i>novaguineensis</i> Roberts, <i>Crossotarsus</i> (= <i>minusculus</i>)	1203
<i>nagakii</i> Browne, <i>Platypus</i>	1159	<i>nubilosus</i> Roberts & Morimoto, <i>Baiocis</i>	1217
<i>nairobiensis</i> (Schedl), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1234	<i>nudatus</i> Wood, <i>Platypus</i>	1160
<i>nakazawai</i> Browne, <i>Crossotarsus</i>	1203	<i>nudi sculus</i> Roberts, <i>Platypus</i>	1160
<i>nanodontus</i> Roberts, <i>Diapus</i>	1090	<i>nudus</i> Schedl, <i>Platypus</i>	1160
<i>nanulus</i> Schedl, <i>Platytersulus</i>	1097	<i>obanensis</i> Roberts, <i>Doliopygus</i>	1234
<i>nanus</i> (Schedl), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1234	<i>obconiceps</i> Schedl, <i>Mitosoma</i>	1111
<i>nanus</i> Schedl, <i>Diapus</i>	1090	<i>obliquatum</i> Schedl, <i>Mitosoma</i>	1111
<i>navarrodeandradei</i> Marelli, <i>Platypus</i>	1159	<i>obliquecaudatus</i> Schedl 1942, <i>Platypus</i> (= <i>obliquecaudatus</i> Schedl 1936)	1160
<i>nebulosus</i> Roberts, <i>Diapus</i>	1090	<i>obliquecaudatus</i> Schedl 1936, <i>Platypus</i>	1160

<i>obliquiseectus</i> Schedl 1975, <i>Platypus</i> (= <i>obliquus</i>)	1160	<i>ornatus</i> (Schedl), (<i>Tesseroecranulus</i>), <i>Cenocephalus</i>	1109
<i>obliquesectus</i> Schedl 1973, <i>Platypus</i>	1160	<i>ornatus</i> Schedl, <i>Platypus</i>	1163
<i>oblique truncatus</i> Schedl, <i>Platypus</i>	1160	<i>othiodes</i> Schedl, <i>Platypus</i>	1163
<i>obliquus</i> Wood, <i>Neotrachyostus</i>	1214	<i>otiosus</i> Schedl, <i>Platypus</i>	1163
<i>obliquus</i> Wood, <i>Platypus</i>	1160	<i>ovalicollis</i> Schedl, <i>Platypus</i>	1163
<i>obliteratus</i> Blandford, <i>Platypus</i>	1160	<i>ovalis</i> Schedl, <i>Trachyostus</i> (= <i>fecundus</i>)	1211
<i>oblongirostris</i> Beeson, <i>Crossotarsus</i> (= <i>siporanus</i>)	1206	<i>ovatus</i> Strohmeier, <i>Platypus</i>	1163
<i>oblongus</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1167	<i>oxyurus</i> Dufour, <i>Platypus</i>	1163
<i>obscurus</i> Schedl, <i>Platypus</i>	1160	<i>pacificus</i> (Chapuis), (<i>Platypus</i>), <i>Neotrachyostus</i>	1214
<i>obsitus</i> Schedl, <i>Platypus</i>	1161	<i>pahangensis</i> Schedl, <i>Platypus</i>	1164
<i>obsoleteus</i> Chapuis, <i>Platypus</i> (= <i>ustulatus</i>)	1191	<i>palatus</i> Beeson, <i>Crossotarsus</i>	1204
<i>obtectus</i> (Schedl), (<i>Crossotarsus</i>), <i>Platypus</i>	1161	<i>pallidipennis</i> Blandford, <i>Platypus</i>	1164
<i>obtusicornis</i> Schedl, <i>Diapus</i>	1090	<i>pallidus</i> Chapuis, <i>Platypus</i>	1164
<i>obtusipennis</i> Schedl, <i>Platypus</i>	1161	<i>pallidus sabroni</i> Schedl, <i>Platypus</i> (= <i>pallidus</i>)	1164
<i>obtusum</i> Schedl, <i>Mitosoma</i>	1111	<i>panduriformis</i> Roberts, <i>Platypus</i>	1164
<i>obtusus</i> Chapuis, <i>Platypus</i>	1161	<i>papuanus</i> Roberts, <i>Genyocerus</i>	1094
<i>obtusus</i> Chapuis, <i>Platypus</i> (= <i>solidus</i>)	1183	<i>papuanus</i> Roberts, <i>Platypus</i>	1164
<i>obtusus</i> Chapuis, <i>Tesseroecerus</i> (= <i>procer</i>)	1100	<i>papuanus</i> Schedl, <i>Diapus</i>	1090
<i>obuduensis</i> Roberts, <i>Doliopygus</i>	1234	<i>papuanus</i> Schedl, <i>Spathidicerus</i>	1101
<i>occalleseens</i> Schedl, <i>Doliopygus</i>	1234	<i>papulosus</i> Roberts, <i>Platypus</i>	1164
<i>occidentalis</i> Schedl, <i>Platypus</i> (= <i>impressus</i>)	1147	<i>paradoxus</i> Schedl, <i>Platypus</i>	1164
<i>occipitalis</i> Chapuis, <i>Platypus</i>	1161	<i>paradubius</i> Roberts, <i>Doliopygus</i> (= <i>dubius</i>)	1229
<i>occipitis</i> Wood, <i>Platypus</i>	1161	<i>paralleliventrus</i> Roberts, <i>Platypus</i>	1164
<i>ochthocosmus</i> Roberts, <i>Platypus</i> (= <i>rufescens</i>)	1177	<i>parallelus</i> (Fabricius), (<i>Bostrichus</i>), <i>Platypus</i>	1164
<i>octocostatus</i> Schedl, <i>Crossotarsus</i>	1204	<i>paramonoci</i> Schedl, <i>Platypus</i>	1168
<i>octodentatus</i> Browne, <i>Doliopygus</i>	1235	<i>parapetax</i> Roberts & Morimoto, <i>Platypus</i>	1168
<i>octodentatus</i> Browne, <i>Platypus</i>	1161	<i>parinariae</i> Schedl, <i>Platypus</i> (= <i>rufescens</i>)	1177
<i>octospinosum</i> Schedl, <i>Mitosoma</i>	1111	<i>partibilis</i> Roberts, <i>Platypus</i>	1168
<i>octospinosus</i> Browne, <i>Platypus</i>	1161	<i>particeps</i> Schedl, <i>Platypus</i>	1168
<i>oculatus</i> (Beeson), (<i>Crossotarsus</i>), <i>Carchesiopygus</i>	1210	<i>partitus</i> Schedl, <i>Platypus</i>	1168
<i>odonticeps</i> Schedl, <i>Mitosoma</i>	1111	<i>parvulus</i> Schedl, <i>Platypus</i> (= <i>puerulus</i>)	1173
<i>ohnoi</i> Browne, <i>Platypus</i>	1161	<i>parvus</i> Browne, (<i>Trachyostus</i>), <i>Crossotarsus</i> (= <i>saltator</i>)	1205
<i>oligodontus</i> Roberts, <i>Crossotarsus</i>	1204	<i>parvus</i> Browne, <i>Platypus</i>	1168
<i>olivieri</i> Chapuis, <i>Platypus</i>	1161	<i>parvus</i> Nunberg, <i>Mesoplatypus</i>	1222
<i>omega</i> Schedl, <i>Platypus</i>	1161	<i>parysi</i> Chapuis, <i>Platypus</i> (= <i>lafertei</i>)	1151
<i>omissus</i> Schedl, <i>Doliopygus</i>	1235	<i>pasanaie</i> Schedl, <i>Platypus</i>	1168
<i>omissus</i> Schedl, <i>Platypus</i>	1161	<i>pasohensis</i> (Schedl), (<i>Platypus</i>), <i>Baiocis</i>	1217
<i>omnivorus</i> (Lea), (<i>Crossotarsus</i>), <i>Platypus</i>	1161	<i>patens</i> Roberts, <i>Platypus</i>	1168
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<i>similis</i> Nunberg, <i>Trachyostus</i>	1212	<i>squamulatus</i> Chapuis, <i>Crossotarsus</i>	1206
<i>similis</i> Strohmeier, <i>Periommatas</i>	1106	<i>squamulatus squamuloides</i> Beeson, <i>Crossotarsus</i> (= <i>squamulatus</i>)	1207
<i>simillimus</i> Nunberg, <i>Periommatas</i> (= <i>angustior</i>)	1102	<i>squamulatus sundri</i> Beeson, <i>Crossotarsus</i> (= <i>squamulatus</i>)	1207
<i>simplex</i> Murayama, <i>Crossotarsus</i>	1205	<i>squamuloides</i> Beeson, <i>Crossotarsus</i> (= <i>squamulatus</i>)	1207
<i>simpliciformis</i> Wood, <i>Platypus</i>	1181	<i>staneri</i> Schedl, <i>Doliopygus</i>	1238
<i>simulans</i> Schedl, <i>Platypus</i>	1181	<i>Stenoplatypus</i> Strohmeier (= <i>Platypus</i>)	1113
<i>simulatus</i> Schedl, <i>Tesserocerus</i>	1100	<i>stenoplicatus</i> Schedl, <i>Platypus</i>	1185
<i>sindorae</i> Browne, <i>Platypus</i>	1182	<i>strenuus</i> Schedl, <i>Platypus</i>	1185
<i>sinensis</i> Schedl, <i>Platypus</i>	1182	<i>striatodeclivis</i> Schedl, <i>Platypus</i>	1185
<i>singalangensis</i> Schedl, <i>Platypus</i>	1182	<i>striatopennis</i> Schedl, <i>Platypus</i>	1185
<i>singularis</i> Schedl, <i>Platypus</i>	1182	<i>striatopunctatus</i> Schedl, <i>Platypus</i>	1185
<i>sinuosus</i> Chapuis, <i>Platypus</i>	1182	<i>striatus</i> Browne, <i>Chaetastus</i>	1108
<i>siporanus</i> Schedl, <i>Crossotarsus</i>	1206	<i>striatus</i> Chapuis, <i>Platypus</i>	1185
<i>sirambeensis</i> Schedl, <i>Platypus</i>	1182	<i>striatus</i> Eggers, <i>Coptonotus</i>	1084

<i>strigillatus</i> Schedl, <i>Platypus</i>	1185	<i>sulcipennis</i> Schedl, <i>Platypus</i>	1187
<i>strohmeieri</i> Wood, <i>Genyocerus</i>	1096	<i>sumatranus</i> Schedl, <i>Platypus</i> (= <i>bajulus</i>)	1119
<i>strombosiosis</i> Schedl, <i>Doliopygus</i>	1238	<i>sumatranus</i> Schedl, <i>Spathidicerus</i>	1102
<i>suavifer</i> Schedl, <i>Platypus</i>	1185	<i>sumbawanus</i> Beeson, <i>Crossotarsus</i>	1207
<i>subabditus</i> (Schedl), (<i>Platypus</i>), <i>Platyscapulus</i>	1215	<i>sundaensis</i> Schedl, <i>Platypus</i> (= <i>pseudocupulatus</i>)	1172
<i>subaequalis</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1167	<i>sundri</i> Beeson, <i>Crossotarsus</i> (= <i>squamulatus</i>)	1207
<i>subaequalispinosus</i> Schedl, <i>Platypus</i>	1185	<i>suspica</i> Schedl, <i>Mitosoma</i>	1112
<i>subaffinis</i> Schedl, <i>Cylindropalpus</i> (= <i>granulosus</i>)	1218	<i>suturalis</i> Browne, <i>Periommatas</i>	1107
<i>subalpinus</i> (Schedl), (<i>Symmerus</i>), <i>Chaetastus</i>	1108	<i>suzukii</i> Browne, <i>Platypus</i>	1187
<i>subangustior</i> Schedl, <i>Platypus</i>	1185	<i>Symmeria</i> Strohmeier (= <i>Tesserocerini</i>)	1088
<i>subaplanatus</i> (Schedl), (<i>Platypus</i>), <i>Treptoplatypus</i>	1195	<i>Symmerus</i> Chapuis (= <i>Chaetastus</i>)	1107
<i>subcavifrons</i> Chapuis, <i>Platypus</i> (= <i>compositus</i>)	1127	<i>taiheizanensis</i> (Murayama), (<i>Crossotarsus</i>), <i>Platypus</i>	1187
<i>subcircularis</i> Schedl, <i>Periommatas</i>	1107	<i>taivansis</i> Schedl, <i>Platypus</i> (= <i>formosanus</i>)	1141
<i>subcostatus</i> Jacquelin-Duval, <i>Platypus</i> (= <i>parallelus</i>)	1165	<i>takeharai</i> Browne, <i>Platypus</i>	1187
<i>subcuratus</i> Browne, <i>Platypus</i>	1165	<i>talurae</i> (Stebbing), (<i>Diapus</i>), <i>Genyocerus</i>	1096
<i>subdepressus</i> (Schedl), (<i>Crossotarsus</i>), <i>Platypus</i>	1185	<i>tasmanicus</i> Schedl, <i>Platypus</i>	1187
<i>subditivus</i> (Schedl), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1239	<i>tavolae</i> Schedl, <i>Mitosoma</i> (= <i>truncatipennis</i>)	1112
<i>subdolosus</i> Schedl, <i>Doliopygus</i>	1239	<i>taxicornis</i> (Schedl), (<i>Platypus</i>), <i>Treptoplatypus</i>	1195
<i>subgranosus</i> Schedl, <i>Platypus</i>	1186	<i>tayabasi</i> Schedl, <i>Platypus</i>	1187
<i>subgranulosa</i> Browne, <i>Platypus</i>	1186	<i>tenax</i> (Schedl), (<i>Platyscapus</i>), <i>Cylindropalpus</i>	1219
<i>subitarius</i> Schedl, <i>Platypus</i>	1186	<i>tenellus</i> (Schedl), (<i>Diacavus</i>), <i>Genyocerus</i>	1096
<i>sublunaris</i> (Schedl), (<i>Crossotarsus</i>), <i>Baioeis</i>	1217	<i>tenellus</i> Schedl, <i>Platypus</i>	1188
<i>submarginatus</i> Schedl 1962, <i>Doliopygus</i>	1239	<i>tenuis</i> (Strohmeier), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1239
<i>submarginatus</i> Schedl 1971, <i>Doliopygus</i> (= <i>submarginatus</i> 1962)	1239	<i>tenuis</i> Murayama, <i>Platypus</i>	1188
<i>submontanus</i> Beeson, <i>Crossotarsus</i> (= <i>externedentatus</i>)	1199	<i>tenuisculptus</i> Roberts, <i>Platypus</i>	1188
<i>subnitens</i> Browne, <i>Platypus</i>	1186	<i>tenuissimus</i> Schedl, <i>Platypus</i>	1188
<i>subnotatus</i> Schedl, <i>Doliopygus</i>	1239	<i>tepidus</i> Schedl, <i>Platypus</i>	1188
<i>suboblitaratus</i> Schedl, <i>Platypus</i>	1186	<i>terebrans</i> Schedl, <i>Doliopygus</i>	1239
<i>subopacus</i> Schedl, <i>Crossotarsus</i>	1207	<i>terebrans</i> Schedl, <i>Platypus</i>	1188
<i>subpellucidus</i> Lea, <i>Crossotarsus</i>	1207	<i>terminatulus</i> Schedl, <i>Platypus</i>	1188
<i>subpublicus</i> Schedl, <i>Platypus</i>	1186	<i>terminatus</i> Chapuis, <i>Crossotarsus</i>	1207
<i>subpraeteritus</i> Schedl, <i>Platypus</i>	1186	<i>terminatus sedulus</i> Schedl, <i>Crossotarsus</i> (= <i>terminatus</i>)	1208
<i>subpronus</i> Schedl, <i>Platypus</i>	1186	<i>ternus</i> Roberts, <i>Platypus</i>	1188
<i>subrobustus</i> Schedl, <i>Periommatas</i>	1107	<i>tersus</i> Schedl, <i>Platypus</i> (= <i>shoreanus</i>)	1181
<i>subsecretus</i> Browne, <i>Platypus</i>	1186	<i>Tesseroceraphus</i> Schedl (= <i>Tesserocerus</i>)	1097
<i>subserratus</i> Browne, <i>Doliopygus</i>	1239	<i>Tesserocerariae</i> Blandford (= <i>Tesserocerini</i>)	1088, 1097
<i>subsidiarius</i> Schedl, <i>Platypus</i>	1186	<i>Tesserocerinae</i> Blandford	1088
<i>subsimplis</i> Schedl, <i>Platypus</i>	1186	<i>Tesserocerini</i> Blandford	1088, 1097
<i>substriatus</i> (Schedl), (<i>Crossotarsus</i>), <i>Platypus</i>	1186	<i>Tesserocerus</i> Saunders	1097
<i>substriatus</i> Strohmeier, <i>Periommatas</i>	1107	<i>Tesserocranulus</i> Schedl	1101
<i>subsubulatus</i> Chapuis, <i>Platypus</i>	1187	<i>Tesseroplatypus</i> Schedl (= <i>Tesserocerus</i>)	1097
<i>subtruncatus</i> Browne, <i>Platypus</i>	1187	<i>testaceus</i> Dejean, <i>Platypus</i> (= <i>parallelus</i>)	1165
° <i>succinica</i> Schedl, <i>Cenocephalus</i>	1110	<i>tetracerus</i> Beeson, <i>Platypus</i>	1188
<i>suffodiens</i> Sampson, <i>Platypus</i>	1187	<i>tetricus</i> Schedl, <i>Platypus</i> (= <i>orientalis</i>)	1162
<i>suffodiens malayensis</i> Schedl, <i>Platypus</i> (= <i>vethi</i>)	1192	<i>thomsoni</i> Chapuis, <i>Spathidicerus</i>	1102
<i>sulcaticeps</i> Schedl, <i>Platypus</i>	1187	<i>thoracicum</i> Schedl, <i>Mitosoma</i>	1111
<i>sulcatulus</i> Browne, <i>Cylindropalpus</i>	1219	<i>thoracicus</i> Chapuis, <i>Cenocephalus</i>	1110
<i>sulcatus</i> Chapuis, <i>Platypus</i> (= <i>mutatus</i>)	1158	<i>tiriosensis</i> Reichert, <i>Platypus</i>	1188
<i>sulcatus</i> Dejean, <i>Platypus</i> (= <i>cylindrus</i>)	1132	<i>titschaki</i> Schedl, <i>Periommatas</i>	1107
<i>sulcatus</i> Nunberg, <i>Periommatas</i> (= <i>excisus</i>)	1103	<i>togatus</i> (Schedl), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1239
<i>sulcinodis</i> Schedl, <i>Platypus</i>	1187	<i>tomentosus</i> (Strohmeier), (<i>Platypus</i>), <i>Trachyostus</i>	1212
<i>sulcipennis</i> (Schedl), (<i>Coecephalophonus</i>), <i>Mitosoma</i>	1112	<i>tonkinensis</i> Schedl, <i>Diapus</i>	1092
		<i>toralis</i> Schedl, <i>Crossotarsus</i>	1208

<i>tortulosus</i> Roberts & Morimoto, <i>Platypus</i>	1188	<i>tuberculatus robustus</i> Schedl, (<i>Symmerus</i>), <i>Chaetastus</i> (= <i>tuberculatus</i>)	1108
<i>Trachyostus</i> Schedl	1211	<i>tuberculosis</i> Strohmeier, <i>Platypus</i>	1190
<i>trachypennis</i> (Schedl), (<i>Trachyostus</i>), <i>Crossotarsus</i>	1208	<i>tuberosus</i> (Schedl), <i>Platypus</i>	1190
<i>tragus</i> Schedl, <i>Platypus</i>	1188	<i>tumidus</i> Schedl, <i>Crossotarsus</i>	1208
<i>transformis</i> Schedl, <i>Platypus</i>	1188	<i>turbatus</i> Chapuis, <i>Platypus</i> (= <i>geminatus</i>)	1142
<i>transindicus</i> (Beeson), (<i>Crossotarsus</i>), <i>Platypus</i>	1189	<i>turcicus</i> Schedl, <i>Platypus</i>	1190
<i>transitus</i> Schedl, (<i>Platypus</i>), <i>Platyscapulus</i> (= <i>abditus</i>)	1214	<i>turgidus</i> Roberts, <i>Diapus</i>	1092
<i>transversecarinatus</i> Schedl, <i>Platypus</i>	1189	<i>turgifrons</i> (Schedl), (<i>Platypus</i>), <i>Platyscapulus</i>	1215
<i>transversus</i> Schedl, <i>Platypus</i>	1189	<i>turriiformis</i> Roberts & Morimoto, <i>Platypus</i>	1190
<i>transversus</i> Schedl, <i>Trachyostus</i> (= <i>secundus</i>)	1211	<i>ugandae</i> Browne, <i>Platypus</i>	1190
<i>tremiferus</i> Chapuis, <i>Platypus</i> (= <i>compositus</i>)	1126	<i>ugandae</i> Schedl, <i>Doliopygus</i>	1240
<i>trepanatus</i> (Chapuis), (<i>Crossotarsus</i>), <i>Treptoplatypus</i>	1195	<i>ugandensis</i> Nunberg, (<i>Platypus</i>), <i>Trachyostus</i> (= <i>schaufussi</i>)	1212
<i>Treptoplatypus</i> Schedl	1194	<i>ukereuensis</i> Schedl, (<i>Crossotarsus</i>), <i>Doliopygus</i> (= <i>rhodesianus</i>)	1237
<i>triangulatus</i> Browne, <i>Platypus</i>	1189	<i>uluguruensis</i> Nunberg, <i>Doliopygus</i> (= <i>bidentatus</i>)	1224
<i>tribuarius</i> Schedl, <i>Crossotarsus</i>	1208	<i>umbonatum</i> Schedl, <i>Mitosoma</i> (= <i>thoracicum</i>)	1112
<i>trichiliae</i> Schedl, <i>Doliopygus</i>	1239	<i>umbonatus</i> Blandford, <i>Platypus</i>	1190
<i>tricuspidatus</i> Schedl, <i>Platypus</i>	1189	<i>umbonatus</i> Browne, <i>Doliopygus</i> (= <i>bulbiventris</i>)	1226
<i>tricuspidis</i> Schedl, (<i>Crossotarsus</i>), <i>Doliopygus</i> (= <i>coelocephalus</i>)	1227	<i>umbraticus</i> Schedl, <i>Platypus</i>	1190
<i>tridens</i> Roberts, <i>Doliopygus</i>	1240	<i>umbrinus</i> Roberts, <i>Platypus</i>	1190
<i>trigonus</i> Beeson, <i>Crossotarsus</i>	1208	<i>umbrosus</i> (Schedl), (<i>Platypus</i>), <i>Platyscapulus</i>	1216
<i>trilobipennis</i> Browne, <i>Platypus</i>	1189	<i>uncacanthurus</i> Beeson, <i>Platypus</i> (= <i>lewisi</i>)	1153
<i>Triozaustus</i> Schedl	1219	<i>uncatus</i> Browne, <i>Platypus</i>	1190
<i>triplurus</i> Browne, <i>Platypus</i>	1189	<i>uncinatus</i> Blandford, <i>Platypus</i>	1190
<i>triquetrus</i> Brethes, <i>Platypus</i> (= <i>parallelus</i>)	1168	<i>uncinatus</i> Schedl, <i>Doliopygus</i>	1240
<i>triquetrus</i> Schedl, <i>Periommatas</i>	1107	<i>unicornis</i> Schedl, <i>Doliopygus</i>	1240
<i>trispinatus</i> Schedl, <i>Platypus</i>	1189	<i>unicus</i> (Schedl), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1240
<i>trispinatus</i> Schedl, (<i>Diacavus</i>), <i>Genyocerus</i> (= <i>puer puer</i>)	1095	<i>uniformis</i> Schedl, <i>Platypus</i>	1191
<i>trispinatus</i> Browne, <i>Platypus</i> (= <i>bispinatus</i>)	1121	<i>unimodus</i> Schedl, <i>Platypus</i> (= <i>pallidus</i>)	1164
<i>trispinatus</i> Schedl, <i>Platypus</i>	1189	<i>unispineus</i> Roberts, <i>Diapus</i>	1093
<i>trispinosus</i> Chapuis, <i>Platypus</i>	1189	<i>unispinosus</i> Roberts, <i>Baicius</i>	1217
<i>tristis</i> Roberts, <i>Platypus</i>	1189	<i>unispinosus</i> Schedl 1936, (<i>Crossotarsus</i>), <i>Doliopygus</i> (= <i>mimicus</i>)	1233
<i>truncatellus</i> Browne, <i>Platypus</i>	1189	<i>unispinosus</i> Schedl 1937, <i>Doliopygus</i> (= <i>mimicus</i>)	1233
<i>truncatellus</i> Schedl, <i>Periommatas</i>	1107	<i>ursinus</i> Schedl, <i>Platypus</i>	1191
<i>truncaticauda</i> Schedl, <i>Platypus</i>	1189	<i>ursulus</i> Schedl, <i>Crossotarsus</i> (= <i>ursus</i>)	1208
<i>truncatifformis</i> Schedl, <i>Periommatas</i>	1107	<i>ursus</i> Schedl, (<i>Tesseroplatypus</i>), <i>Tesserocerus</i> (= <i>insignis</i>)	1100
<i>truncatigranosis</i> Schedl, <i>Platypus</i>	1189	<i>ursus</i> Schedl, <i>Crossotarsus</i>	1208
<i>truncatipennis</i> Schedl, <i>Mitosoma</i>	1112	<i>ursus</i> Schedl, <i>Platypus</i>	1191
<i>truncatipennis</i> Schedl, <i>Periommatas</i>	1107	<i>usambariensis</i> Strohmeier, <i>Crossotarsus</i> (= <i>externedentatus</i>)	1199
<i>truncatipennis</i> Schedl, <i>Platypus</i>	1189	<i>ustulatus</i> Chapuis, <i>Platypus</i>	1191
<i>truncatipennis tavolae</i> Schedl, <i>Mitosoma</i> (= <i>truncatipennis</i>)	1112	<i>ustulatus</i> Shuckard, <i>Tesserocerus</i>	1101
<i>truncatulus</i> Browne, <i>Platypus</i>	1190	<i>ustus</i> Schedl, <i>Mesoplatypus</i>	1222
<i>truncatum</i> Schedl, <i>Mitosoma</i>	1112	<i>ustus</i> Schedl, <i>Platypus</i>	1191
<i>truncaturus</i> Browne, <i>Platypus</i>	1190	<i>uter</i> Schedl, <i>Platypus</i>	1191
<i>truncatus</i> Chapuis, <i>Platypus</i>	1190	<i>utibilis</i> (Schedl), (<i>Crossotarsus</i>), <i>Platypus</i>	1191
<i>truncatus</i> Niisima & Murayama, <i>Diapus</i>	1092	<i>uvarius</i> Roberts, <i>Platypus</i>	1191
<i>truncatus</i> Schedl, <i>Periommatas</i>	1107	<i>vafer</i> Schedl, <i>Crossotarsus</i>	1208
<i>tuberculatus</i> (Chapuis), (<i>Symmerus</i>), <i>Chaetastus</i>	1108	<i>vafer</i> Schedl, <i>Platypus</i>	1192
<i>tuberculatus</i> Browne, <i>Platytarsulus</i>	1097	<i>vaginervis</i> Roberts, <i>Platypus</i>	1192
<i>tuberculatus</i> Chapuis, <i>Platypus</i>	1190	<i>vagus</i> Browne, <i>Platypus</i>	1192
		<i>valdephlebius</i> Roberts, <i>Platypus</i>	1192
		<i>validus</i> Schedl, <i>Platypus</i>	1192

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<i>varius</i> Sampson, (<i>Platypus</i>), <i>Doliopygus</i> (= erichsoni)	1229	<i>viduus</i> Chapuis, <i>Platypus</i> (= segnis)	1179
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<i>vegrandis</i> Sampson, (<i>Crossotarsus</i>), <i>Doliopygus</i> (= conradti)	1227	vitiensis Roberts, <i>Platypus</i>	1193
<i>vegrandis</i> Schedl, (<i>Tesseroplatypus</i>), <i>Tesseroecrus</i> (= spinolae)	1101	<i>vogelii</i> Roberts, <i>Platypus</i> (= orientalis)	1163
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Family Scolytidae Index

This index includes all Latin names used in this catalog for Scolytidae. Family-group names (family, subfamily, tribe) and names applied below the rank of subspecies (including aberrations, variations, nomen nudums) are given in regular type. Valid names of genera and species are in bold type. The names of synonyms of genera and species, subgeneric names, and subspecific names are given in italics. The names are listed in alphabetical order by the computer; however, the user must realize that the computer reads parentheses () as a letter of the alphabet preceding the letter "a." The names of fossil species are preceded by an asterisk (*). Fossil species are given at the beginning of the index and are also listed alphabetically with other names.

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<i>adusticollis</i> (Motschulsky), (<i>Tomicus</i>), <i>Xyleborus</i>	706	<i>africanus</i> (Browne), (<i>Orthotomicus</i>), <i>Acanthotomicus</i>	478
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<i>affine</i> Wollaston, <i>Aphanarthrum</i>	616		
<i>affinis</i> (Schedl), (<i>Pelicerus</i>), <i>Cyrtogenius</i>	563		

- agnatum* (Eggers), (*Xyleborus*), *Cyclorhipidion* . . . 697
- agnatus* (Eggers), (*Stephanoderes*), *Hypothenemus* . . . 906
- agnatus* Blackman, *Pityophthorus* (= *confertus*) . . . 989
- agnatus* Blandford, *Scolytus* (= *dahuricus*) . . . 328
- agnatus* Eggers, *Chortastus* (= *minimus*) . . . 311
- agnatus* Schedl, *Miocryphalus* . . . 410
- agrophus* Schedl, *Xyleborus* . . . 709
- agrifoliae* Blackman, *Pseudopityophthorus* . . . 972
- aguacatensis* (Schedl), (*Metacorthylus*),
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- aitutakii* Beaver & Maddison, *Ptilopodius* . . . 899
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- alaskanus* Blackman, *Phloeosinus* (= *pini*) . . . 250
- alaskanus* Wood, *Lymanator* . . . 555
- albanicus* Apfelbeck, *Pityogenes* (= *bistridentatus*) . . . 444
- albertensis* Blackman, *Pityophthorus* (= *opaculus*) . . . 1018
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- albipilis* Reitter, (*Stephanoderes*), *Hypothenemus*
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- albosetum* Bright, *Liparthrum* . . . 275
- algidus* Schedl, *Xyleborus* . . . 709
- alienus* (Schedl), (*Xyleborus*), *Xyleborinus* . . . 804
- alienus* Eichhoff, *Hylocurus* . . . 422
- alienus* Eichhoff, *Pityophthorus* . . . 979
- alienus* Schedl, (*Cryphalomorphus*), *Scolytogenes*
 (= *knabi*) . . . 863
- alienus* Schedl, *Corthylus* . . . 1070
- alienus* Schedl, *Glochiphorus* . . . 271
- alienus* Wood, *Cnesinus* . . . 205
- Allarthrum* Hagedorn (= *Cryphalus*) . . . 872
- allecta* (Schedl), (*Xyleborus*), *Schedlia* . . . 822
- Allernoporus* Kurenzov . . . 852
- alluaudi* (Lepesme), (*Kissophagus*), *Hylesinopsis* . . . 93
- alluaudi* (Peyerimhoff), (*Aphanarthrum*),
Coleobothrus . . . 615
- alluaudi* Schaufuss, *Xyleborus* . . . 709
- alni* (Bright), (*Chaetophloeus*), *Carphotoreus* . . . 237
- alni* (Georg), (*Bostrichus*), *Dryocoetes* . . . 571
- alni* (Lindemann), (*Cryphalus*), *Trypophloeus* . . . 842
- alni* (Niisima), (*Hylastes*), *Alniphagus* . . . 73
- alni* (Niisima), (*Xyleborus*), *Xyleborinus* . . . 804
- alni* Blackman, *Gnathotrichus* (= *retusus*) . . . 1038
- alni* Blackman, *Pityophthorus* . . . 979
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- alni* Mulsant & Rey, (*Bostrichus*), *Xyleborus*
 (= *pfeili*) . . . 763
- alni* Pfeffer, *Taphrorychus* . . . 557
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- alni* Wood, *Scolytodes* . . . 388
- alnicolens* Wood, *Pityophthorus* . . . 979
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- alpinensis* G. Hopping, *Pityophthorus* . . . 979
- alpinus* Eggers, *Pityogenes* (= *calcaratus*) . . . 444
- alpinus* Schedl, *Xyleborus* (= *clerodendronae*) . . . 719
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- alter* Eggers, (*Stephanoderes*), *Hypothenemus*
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- alternans* (Schedl), (*Ips*), *Acanthotomicus* . . . 478
- alternans* Browne, *Hypothenemus* (= *criticus*) . . . 914
- alternans* Chapuis, *Hyliurgops* (= *subcostulatus*) . . . 42
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- alternans* Eichhoff, *Xyleborus* (= *volutulus*) . . . 782
- alternans* Schedl, *Hylesinus* (= *macmahoni*) . . . 81
- alternantes* Schedl, *Cyrtogenius* . . . 563
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- alternatus* (Eggers), (*Stephanoderes*),
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- alternatus* (Eggers), (*Thamnurgides*),
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- alternatus* Eggers, *Hylocurus* . . . 422
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- alutaceus* Schwarz, *Crypturgus* . . . 620
- alvarengai* Bright, *Samponius* . . . 655
- alvarengai* Schedl, *Pityophthorus* . . . 980
- amabilis* Chamberlin, *Cryphalus* (= *ruficollis*) . . . 892
- amabilis* Wood, *Scolytodes* . . . 388
- amakusanus* (Murayama), (*Stephanoderes*),
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- amanicum* Hagedorn, *Ctonoxylon* . . . 836
- amanicus* (Eggers), (*Cryphalus*), *Scolytogenes* . . . 858
- amanicus* Eggers, *Cladoctonus* . . . 238
- amanicus* Hagedorn, *Xyleborus* . . . 710
- amanicus* ominosus Schedl, *Xyleborus*
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- amatus* Schedl, *Acanthotomicus* . . . 478
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- amazonicus* Eggers, (*Stephanoderes*), *Hypothenemus*
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- ambasipennis* Schedl, *Xyleborus* . . . 710
- ambasius* Hagedorn, *Xyleborus* (= *conradti*) . . . 720
- ambasiusculus* Eggers, *Xyleborus* . . . 711
- ambiguus* Blandford, *Hylastes* . . . 43
- ambitiosus* (Schaufuss), (*Xylocleptes*),
Premnobius . . . 651
- ambitus* Wood, *Microborus* . . . 383
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<i>americanum</i> Wood, <i>Liparthrum</i>	275	<i>° anceps</i> Hagedorn, <i>Xylechintus</i>	1082
<i>americanus</i> Blackman, <i>Xylechinus</i>	115	<i>anceps</i> Wood, <i>Scolytodes</i>	388
<i>americanus</i> Dejean, <i>Phloeotribus</i> (= <i>scarabaeoides</i>)	230	<i>Anchonocerus</i> Eichhoff (= <i>Monarthrum</i>)	1050
<i>americanus</i> Hopkins, <i>Dryocoetes</i> (= <i>autographus</i>)	578	<i>Ancyloderes</i> Blackman (= <i>Gnathotrichus</i>)	1034
<i>° americanus</i> Wickham, <i>Hylastes</i>	43	<i>andamanensis</i> (Blandford), (<i>Xyleborus</i>), <i>Eucallacea</i>	685
<i>amersum</i> Wood, <i>Pycnarthrum</i>	384	<i>andamanensis</i> Beeson, (<i>Xyloctonus</i>), <i>Scolytomimus</i>	838
<i>amiculus</i> Wood, <i>Pityophthorus</i>	980	<i>andamanensis</i> Wood, <i>Scolytomimus</i>	838
<i>amiskwienensis</i> Hopping, <i>Ips</i> (= <i>tridens engelmanni</i>)	528	<i>andersoni</i> Swaine, <i>Carphoborus</i>	302
<i>amitinus</i> (Eichhoff), (<i>Tomicus</i>), <i>Ips</i>	489	<i>andersoni</i> Wood, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>seriatus</i>)	943
<i>amitinus montanus</i> Fuchs, <i>Ips</i> (= <i>amitinus</i>)	491	<i>andinus</i> Wood, <i>Chaetophloeus</i>	271
<i>amoenus</i> (Schaufuss), (<i>Hylurgus</i>), <i>Polygraphus</i>	284	<i>andresi</i> Eggers, <i>Phloeosinus</i> (= <i>armatus</i>)	241
<i>amoenus</i> Blandford, <i>Pityophthorus</i>	980	<i>andrewesi</i> (Blandford), (<i>Xyleborus</i>), <i>Xyleborinus</i>	804
<i>amoenus</i> Schedl, <i>Xyleborus</i> (= <i>asper</i>)	713	<i>andriani</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	698
<i>amoenus</i> Wood, <i>Scolytodes</i>	388	<i>anepotulus</i> (Eggers), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	670
<i>amorphus</i> (Eggers), (<i>Xyleborus</i>), <i>Hadrodemius</i>	818	<i>angeri</i> Pfeffer, <i>Pityophthorus</i> (= <i>buyssoni</i>)	985
<i>amphicauda</i> Browne, <i>Xyleborus</i>	711	<i>angolanus</i> Wood, <i>Hylesinopsis</i>	93
<i>Amphicranidae</i> (= <i>Corthylini</i> , <i>Corthylini</i>)	949	<i>angolensis</i> (Schedl), (<i>Afromicracis</i>), <i>Micryphalus</i>	410
<i>amphicranoides</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1051	<i>angolensis</i> (Schedl), (<i>Aridiamerus</i>), <i>Hylesinopsis</i> (= <i>angolanus</i>)	93
<i>amphicranoides</i> Hagedorn, <i>Xyleborus</i>	711	<i>angolensis</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	478
<i>amphicranoides</i> Schedl, <i>Premnobius</i>	651	<i>angolensis</i> Schedl, <i>Hylesinopsis</i>	93
<i>amphicranoides latecavatus</i> Eggers, <i>Xyleborus</i> (= <i>amphicranoides</i>)	711	<i>angolensis</i> Schedl, <i>Xyleborus</i>	711
<i>amphicranoides parvior</i> Browne, <i>Xyleborus</i> (= <i>amphicranoides</i>)	711	<i>angulatus</i> (Eichhoff), (<i>Tomicus</i>), <i>Orthotomicus</i>	467
<i>amphicranulus</i> Eggers, <i>Xyleborus</i> (= <i>fallax</i>)	735	<i>angulatus</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	478
<i>Amphicranus</i> Erichson	1045	<i>angulatus</i> Schedl, (<i>Xyleboricus</i>), <i>Arixyleborus</i> (= <i>mediosextus</i>)	668
<i>amplexicauda</i> Hagedorn, <i>Xyleborus</i>	711	<i>angustatus</i> Schedl, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>perminutissimus</i>)	809
<i>ampliatus</i> Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>birmanus</i>)	910	<i>angustatus</i> (Herbst), (<i>Bostrichus</i>), <i>Hylastes</i>	44
<i>ampliatus</i> Schedl, <i>Cnesinus</i>	205	<i>angustatus</i> Browne, <i>Scolytus</i>	324
<i>amplicollis</i> Eichhoff, <i>Xyleborus</i> (= <i>ferrugineus</i>)	739	<i>angustatus</i> Eichhoff, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>saxeseni</i>)	814
<i>amplinis</i> Wood, <i>Micracis</i>	431	<i>angusticollis</i> Eggers, <i>Hylastes</i>	45
<i>amplipennis</i> Hopkins, <i>Hypothenemus</i> (= <i>columbi</i>)	913	<i>angusticollis</i> Schedl, <i>Polygraphus</i>	285
<i>amplipennis</i> Schedl, <i>Cnesinus</i>	205	<i>angustior</i> (Eggers), (<i>Cryphalus</i>), <i>Hypocryphalus</i>	868
<i>amplus</i> (Blackman), (<i>Myeloborus</i>), <i>Pityophthorus</i>	980	<i>angustior</i> Eggers, <i>Camptocerus</i>	318
<i>amplus</i> Wood, <i>Phloeotribus</i>	218	<i>angustior</i> Eggers, <i>Xyleborus</i>	711
<i>amplus</i> Wood, <i>Tricolus</i>	1042	<i>angustus</i> Blackman, <i>Pityophthorus</i>	980
<i>amputatus</i> (Blandford), (<i>Xyleborus</i>), <i>Amasa</i>	682	<i>angustus</i> Tsai & Yin, <i>Polygraphus</i>	285
<i>amurensis</i> Eggers, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= <i>ratzeburgi</i>)	363	<i>angylocalyx</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	478
<i>amygdali</i> Guérin-Meneville, <i>Scolytus</i>	322	<i>Anisandrus</i> Ferrari (= <i>Xyleborus</i>)	704
<i>amygdali rufipennis</i> Brancsik, <i>Scolytus</i> (= <i>amygdali</i>)	323	<i>anisandrus</i> Schedl, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>hagedorni</i>)	674
<i>Anaeretus</i> Duges (= <i>Xyleborus</i>)	704	<i>anisopterae</i> (Browne), (<i>Ozodendron</i>), <i>Cyrtogenius</i>	563
<i>analis</i> Schedl, <i>Aricerus</i>	217	<i>anisopterae</i> Browne, <i>Xyleborus</i>	711
<i>analis</i> Schedl, <i>Xyleborus</i>	711	<i>ankius</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	859
<i>analogus</i> (Wood), (<i>Mimips</i>), <i>Acanthotomicus</i>	478	<i>ankius</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	805
<i>analogus</i> LeConte, (<i>Hylurgus</i>), <i>Tomicus</i> (= <i>piniperda</i>)	136	<i>annectens</i> (Wood), (<i>Prochraneus</i>), <i>Chraneus</i>	263
<i>analogus</i> Schedl, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>intersestus</i>)	808	<i>annectens</i> LeConte, <i>Pityophthorus</i>	980
<i>anatolicus</i> Eggers, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= <i>amygdali</i>)	323	<i>annectens</i> LeConte, <i>Scierus</i>	29
<i>anaxeus</i> Wood, <i>Phelloterus</i>	971	<i>annectens</i> Schedl, <i>Xyleborus</i>	711
<i>Anaxyleborus</i> Wood (= <i>Amasa</i>)	681	<i>annectens</i> Wood, <i>Cnesinus</i>	205
<i>anceps</i> Blackman, <i>Pityophthorus</i> (= <i>nitidus</i>)	1016	<i>annexus</i> Schedl, <i>Xyleborus</i>	712

- annulicollis* Enderlein, *Coleobothrus* (= *luridus*) . . . 615
- Anodius* Motschulsky (= *Dryocoetes*) . . . 569
- anogeissi** Wood, *Polygraphus* . . . 285
- anomalus** (Schedl), (*Xyleborus*), *Amasa* . . . 682
- anomalus* Bright, (*Corthylus*), *Corthylocurus*
(= *mexicanus*) . . . 1069
- anona* Hopkins, (*Xylocleptes*), *Dendrocraniulus*
(= *carbonarius*) . . . 550
- anona* Hopkins, *Coccotrypes* (= *carpophagus*) . . . 596
- anoplum** (Schedl), (*Xyleborus*), *Cyclorhipidion* . . . 698
- antaisaka** Schedl, *Xyleborus* . . . 712
- antanala** Schedl, *Xyleborus* . . . 712
- antennarius** Schedl, *Ernoporus* . . . 854
- antennarius** Schedl, *Corthylus* . . . 1070
- antennatus** Schedl, *Scolytus* . . . 324
- antennatus** Swaine, *Phloeosinus* . . . 240
- anthracinus** Bright, *Pityophthorus* . . . 980
- anticus** (Schedl), (*Erioschidius*), *Cosmoderes* . . . 901
- anticus** Schedl, *Pityophthorus* . . . 981
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- Aphanarthrum** Wollaston . . . 616
- Aphanocleptus* Wood (= *Pseudothysanoes*) . . . 411
- aphodioides* Villa, (*Bostrichus*), *Crypturgus*
(= *pusillus*) . . . 628
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- apicalis** (Schedl), (*Cryphalomorphus*),
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- apicalis* Endrodi, *Trypodendron* (= *domesticum*) . . . 633
- apicalis** Schedl, *Polygraphus* . . . 285
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- apicatus* Schedl, (*Poecilips*), *Coccotrypes* (= *longior*) . . . 605
- apicenotatus** Schedl, *Pityophthorus* . . . 981
- apicenotatus* Schedl, *Xyleborus* (= *eximius*) . . . 735
- apicipenne** (Schedl), (*Xyleborus*), *Cyclorhipidion* . . . 698
- apicipennis** Schedl, *Pityophthorus* . . . 981
- apiculatus** Schedl, *Pityophthorus* . . . 981
- apiculatus** Schedl, *Xyleborus* . . . 712
- Apidocephalus* Wickham (= *Hylesinus*) . . . 74
- aplanatideclivis** Schedl, *Xyleborus* . . . 712
- aplanatus** (Wichmann), (*Xyleborus*), *Euwallacea* . . . 686
- aplanatus** Schedl, *Ozopemon* . . . 589
- aplanatus* Schedl, *Pityophthorus* (= *digestus*) . . . 995
- Apoglostatus* Schedl (= *Glostatus*) . . . 835
- Apoxyleborus* Wood (= *Xylosandrus*) . . . 787
- appendicinum** (Schedl), (*Pterocyclon*),
Monarthrum . . . 1051
- approximatus** (Schedl), (*Cryphalomorphus*),
Scolytogenes . . . 859
- approximatus** Dietz, *Dendroctonus* . . . 138
- approximatus* Hopkins, (*Stephanoderes*),
Hypothenemus (= *interstitialis*) . . . 931
- approximatus* Hopkins, *Cryphalus* (= *ruficollis*) . . . 891
- approximatus** Schedl, *Xyleborus* . . . 712
- apuleiae** Costa Lima, *Spermophthorus* . . . 971
- aquiloni* Bright, *Pityophthorus* (= *nitidus*) . . . 1016
- aquiloni** (Nobuchi), (*Taenioglyptes*), *Cryphalus* . . . 873
- aquilus** (Wood), (*Cryptocleptus*),
Pseudothysanoes . . . 412
- aquilus** Blackman, *Pityophthorus* . . . 951
- aquilus** Blandford, *Xyleborus* . . . 712
- aquilus* Wood, *Camptocerus* (= *opacicollis*) . . . 320
- aquilus** Wood, *Chramesus* . . . 263
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- arakii** (Sawamoto), (*Cladoborus*), *Pityophthorus* . . . 951
- aralidii* Nunberg, *Arixyleborus* (= *leprosulus*) . . . 667
- Araptidae* Eichhoff (= *Corthylini*, *Pityophthorina*) . . . 949
- Araptus** Eichhoff . . . 952
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- araucariae* Schedl, (*Xylogopinus*), *Hylurdretonus*
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- araucariae** Schedl, *Cryphalus* . . . 873
- araucariae** Schedl, *Hylurdretonus* . . . 186
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- arbuti* Hopkins, (*Xyleborus*), *Xyleborinus*
(= *saxeseni*) . . . 815
- arcanus** Bright, *Pityophthorus* . . . 981
- * arcessitus** (Scudder), (*Phloeosinites*),
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- arceuthobii** Wood, *Pityophthorus* . . . 981
- Archaeoscolytus* Butovitsch (= *Scolytus*) . . . 321
- Archeophalus* Schedl (= *Hypothenemus*) . . . 905
- arcticollis* Blandford, (*Xyleborus*), *Cyclorhipidion*
(= *pruinsum*) . . . 701
- arcturus** Samuelson, *Xyleborus* . . . 712
- ardis** Wood, *Phloeocleptus* . . . 421
- ardis** Wood, *Tricolus* . . . 1042
- ardus* Schedl, (*Xyleborus*), *Ambrosiodmus*
(= *desectus*) . . . 673
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<i>australis</i> Schedl, <i>Xylechinus</i>	115	<i>bambusae</i> Beeson, (<i>Thamnurgides</i>), <i>Coccotrypes</i> (= <i>barbatus</i>)	593
<i>australis</i> Schedl, <i>Zygophloeus</i>	271	<i>bambusae</i> Browne, <i>Hypothenemus</i>	909
<i>austriacus</i> (Guillebeau), (<i>Phloeophthorus</i>), <i>Phloeotribus</i> (= <i>rhododactylus</i>)	230	<i>bambusae</i> Browne, <i>Ptilopodius</i>	899
<i>austriacus</i> Wachtl, (<i>Tomicus</i>), <i>Pityogenes</i> (= <i>trepanatus</i>)	459	<i>bananensis</i> Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>javanus</i>)	932
<i>autographus</i> (Ratzeburg), (<i>Bostrichus</i>), <i>Dryocoetes</i>	572	<i>bangensis</i> (Eggers), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	859
<i>autographus</i> sachalinensis Sokanovskii, <i>Dryocoetes</i> (= <i>autographus</i>)	578	<i>bangensis</i> Eggers, <i>Sphaerotrypes</i>	198
<i>avarus</i> Wood, <i>Xylechinus</i>	115	<i>banjoewangi</i> Schedl, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>mutilatus</i>)	799
<i>avulsus</i> (Eichhoff), (<i>Tomicus</i>), <i>Ips</i>	491	<i>banksiae</i> (Schedl), (<i>Xyleborus</i>), <i>Amasa</i>	682
<i>azerbaidzhanicus</i> Michalski, <i>Scolytus</i>	324	<i>banksianae</i> McPherson, <i>Conophthorus</i> (= <i>resinosae</i>)	967
<i>aztecum</i> (Bright), (<i>Corthylus</i>), <i>Corthycyclon</i>	1067	<i>banosus</i> (Eggers), (<i>Hoplites</i>), <i>Cladoctonus</i>	238
<i>aztecus</i> (Wood), (<i>Sphenoceros</i>), <i>Araptus</i>	953	<i>banosus</i> (Hagedorn), (<i>Hexacolus</i>), <i>Scolytodes</i>	389
<i>aztecus</i> Bright, <i>Pityophthorus</i>	982	<i>baphiae</i> (Schedl), (<i>Glochicopterus</i>), <i>Hylesinopsis</i>	93
<i>aztecus</i> Wood, <i>Dendroctonus</i> (= <i>parallelocollis</i>)	159	<i>barbatogranosus</i> Schedl, <i>Xyleborus</i> (= <i>setulosus</i>)	771
<i>aztecus</i> Wood, <i>Hylesinus</i>	75	<i>barbatoides</i> Schedl, <i>Xyleborus</i>	714
<i>aztecus</i> Wood, <i>Scolytus</i>	324	<i>barbatomorphus</i> (Schedl), (<i>Xyleborus</i>), <i>Euwallacea</i>	686
<i>babadjanidis</i> Eggers, <i>Liparthrum</i> (= <i>arnoldi</i>)	275	<i>barbatulus</i> (Schedl), (<i>Xyleborus</i>), <i>Euwallacea</i>	686
<i>babai</i> (Murayama), (<i>Thamnurgus</i>), <i>Coccotrypes</i>	593	<i>barbatus</i> (Blackman), (<i>Pityophilus</i>), <i>Pityotrichus</i>	970

- barbatus** (Blandford), (*Brachyspartus*),
Corthylocurus 1068
- barbatus** (Eggers), (*Minulus*), *Cnemomyx* 314
- barbatus** (Hagedorn), (*Xyleborus*), *Eucallacea* 686
- barbatus** (Schedl), (*Thamnurgides*), *Coccotrypes* 593
- barbatus* Eggers, *Chramesus* (= *dentatus*) 265
- barbatus** Eggers, *Lanurgus* 408
- barbatus** Hagedorn, *Sphaerotrypes* 198
- barbatus* Schedl, (*Ceratolepis*), *Cnemomyx*
 (= *errans*) 314
- barbatus** Schedl, *Dendrocranus* 550
- barbatus** Schedl, *Scolytus* 325
- barberi** Blackman, *Pityophthorus* 983
- barberi* Blackman, *Pseudothyanoes* (= *sedulus*) 417
- barberi* Hopkins, *Dendroctonus* (= *brevicomis*) 143
- barbeyi* Strohmeier, *Crypturgus* (= *numidicus*) 625
- barbieri** Schedl, *Cryptoxyleborus* 828
- barbifer** (Schedl), (*Gnathotrichus*),
Gnathotrupes 1039
- barbifer** Schedl, *Pityophthorus* 983
- barinensis** Wood, *Scolytus* 325
- bartoni** Bruck, *Pseudothyanoes* 412
- bartschti** Muhl, *Liparthrum* 275
- barumbuensis** Eggers, *Xyleborus* 714
- barumbuensis mendosus* Schedl, *Xyleborus*
 (= *barumbuensis*) 714
- basalis** Schedl, *Xyleborus* 714
- basihirtus** (Beeson), (*Cryphalus*), *Hypocryphalus* 868
- basilaris** (Wood), (*Cryphalomorphus*),
Scolytogenes 859
- basjoo* Niisima, (*Cryphalus*), *Hypothenemus*
 (= *eruditus*) 921
- bassetti** Blackman, *Pityophthorus* 983
- bassiae* Beeson, *Polygraphus* (= *anogeissi*) 285
- bassiae* Schedl, *Scolytomimus* (= *assamensis*) 839
- bassiavorus* Hopkins, *Coccotrypes* (= *dactyliperda*) 601
- basutoae** Schedl, *Polygraphus* 285
- batnensis** (Brisout), (*Hylastes*), *Hylurgops* 30
- batoensis** Eggers, *Diamerus* 195
- batoensis** Eggers, *Xyleborus* 714
- batoerradensis** (Schedl), (*Pseudoxyleborus*),
Amasa 682
- bauhaniae* Schedl, *Hypothenemus* (= *areccae*) 908
- bauhaniae** (Schedl), (*Stylotenus*), *Hypothenemus* 909
- baumanni** Hopkins, *Phloeosinus* 241
- beameri* Wood, *Hypothenemus* (= *gossypii*) 926
- beaveri** (Browne), (*Xyleborus*), *Xyleborinus* 805
- beaveri** Wood, *Cnesinus* 206
- beckeri** Bright, *Xyleborus* 714
- beckeri** Heqvist, *Hyllocurus* 422
- beckeri* Thatcher, *Dendroctonus* (= *valens*) 186
- beesoni** (Eggers), (*Pseudoxyleborus*), *Amasa* 682
- beesoni** Eggers, *Crypturgus* 620
- beesoni** Wood, *Mimocurus* 949
- bella** (Sampson), (*Xyleborus*), *Coptodryas* 823
- bellus** (Schedl), (*Cryptocleptes*), *Pseudothyanoes* 412
- bellus* Blackman, *Pityophthorus* (= *confusus*) 990
- bellus** Schedl, *Cryphalus* 876
- belokanicus** Stark, *Scolytus* 325
- belti** Blandford, *Amphicranus* 1046
- belti** Blandford, *Phlocoborus* 98
- bengalensis* Stebbing, (*Dryocoetes*), *Xylosandrus*
 (= *crassiusculus*) 792
- bengalensis** Wood, *Sphaerotrypes* 198
- benguensis** (Schedl), (*Xyleborus*), *Eucallacea* 687
- benguetus* Blackman, *Scolytoplatypus*
 (= *papuanus*) 405
- berbericolens** Wood, *Thysanoes* 419
- berchemiae** Blackman, *Thysanoes* 419
- berezinae* Stark, *Trypophloeus* (= *binodulus*) 844
- bergeri** Spessivtsev, *Xylechinus* 115
- berschemiae* Blackman, *Thysanoes* (= *berchemiae*) 419
- betsileo** Schedl, *Xyleborus* 714
- betulae** Hopkins, *Dryocoetes* 579
- betulae** Niisima, *Scolytus* 325
- betulae** Schedl, *Taphrorychus* 557
- betulae** Swaine, *Trypodendron* 632
- bezanzano** Schedl, *Xyleborus* 714
- bezaziani** Peyerimhoff, *Hypothenemus* 909
- bialowiezensis* Karpinski, *Pityogenes* (= *irkutensis*) 453
- bibractensis* Balachowsky, *Pityophthorus*
 (= *pityographus*) 1021
- bicallosus** (Schedl), (*Pterocyclon*), *Monarthrum* 1051
- bicallosus* Eggers, *Scolytus* (= *mali*) 344
- bicarinated** (Nobuchi), (*Taenioglyptes*),
Cryphalus 876
- bicaudatus** Wollaston, *Liparthrum* 276
- bicaudatus** (Blandford), (*Bothrostermus*),
Sternobothrus 216
- bicaudatus** (Eggers), (*Ips*), *Acanthotomicus* 479
- bicavum** Wood, *Monarthrum* 1051
- bicinctulus* Schedl, *Xyleborus* (= *biconicus*) 715
- bicinctum** (Schedl), (*Xyleborus*), *Cyclorhipidion* 698
- bicinctum* Wollaston, *Aphanarthrum* 616
- bicinctum obsitum* Wollaston, *Aphanarthrum*
 (= *bicinctum*) 617
- bicinctum vestitum* Wollaston, *Aphanarthrum*
 (= *bicinctum*) 617
- bicinctus** Schedl, *Bothinodroctonus* 310
- bicinctus** Schedl, *Cnesinus* 206
- bicinctus** Schedl, *Hypothenemus* 909
- bicinctus** Schedl, *Scolytus* 325
- bicinctus* Schedl, *Xyleborus* (= *biconicus*) 715
- bicolor** (Blandford), (*Xyleborus*), *Eucallacea* 687
- bicolor** (Browne), (*Cryphalomorphus*),
Cryphalus 876
- bicolor** (Browne), (*Streptocranus*), *Coptoborus* 662
- bicolor** (Brulle), (*Hylesinus*), *Phloeosinus* 241
- bicolor** (Eggers), (*Hexacolus*), *Scolytodes* 389
- bicolor** (Eggers), (*Lepersinus*), *Hylesinus* 76
- bicolor** (Ferrari), (*Corthylus*), *Monarthrum* 1051
- bicolor** (Herbst), (*Bostrichus*), *Taphrorychus* 557
- bicolor* Dejean, (*Bostrichus*), *Pityogenes*
 (= *chalcographus*) 446

<i>bicolor</i> Eggers, (<i>Problechilus</i>), <i>Gymnochilus</i> (= reitteri)	357	<i>bidentatus</i> (Schedl), (<i>Minips</i>), <i>Acanthotomicus</i>	479
bicolor Eggers, <i>Cnesinus</i>	206	bidentatus Browne, <i>Hypocryphalus</i>	868
<i>bicolor</i> Eggers, <i>Corthylus</i> (= emarginatus)	1073	bidentatus Schedl, <i>Hylocurus</i>	423
<i>bicolor</i> Eggers, <i>Hypothenemus</i> (= eruditus)	923	<i>bidentatus</i> carniolica Fuchs, <i>Pityogenes</i> (= bidentatus)	442
bicolor Eggers, <i>Microborus</i>	383	bidentis Wood, <i>Acanthotomicus</i>	479
bicolor Eggers, <i>Microcorthylus</i>	1065	<i>bifidus</i> Bright, <i>Monarthrum</i> (= querneum)	1062
bicolor Eggers, <i>Polygraphus</i>	285	bifidus Schedl, <i>Tricolus</i>	1043
<i>bicolor</i> Eggers, <i>Scolytodes</i> (= eggersi)	391	biformis Browne, <i>Webbia</i>	830
bicolor Eggers, <i>Scolytus</i>	325	bifoveatum Wood, <i>Monarthrum</i>	1051
bicolor Eggers, <i>Sphaerotrypes</i>	198	bifurcus Eichhoff, <i>Carphoborus</i>	302
bicolor Philippi, <i>Hylesinus</i>	76	bifurcus Schedl, <i>Corthylus</i>	1070
bicolor Sampson, <i>Coccotrypes</i>	593	biguttatus Blandford, <i>Phloeotribus</i>	219
bicolor Schedl, <i>Dryocoetiops</i>	587	bimaculatus (Eggers), (<i>Hapalogenius</i>), <i>Rhopalopselion</i>	96
<i>bicolor</i> Schedl, <i>Hypothenemus</i> (= eruditus)	924	bimaculatus (Eggers), (<i>Xyleborus</i>), <i>Cnestus</i>	802
bicolor Schedl, <i>Lanurgus</i>	408	bimaculatus (Schedl), (<i>Leperisinus</i>), <i>Chaetoptelius</i>	103
<i>bicolor</i> Sokanovskii, <i>Polygraphus</i> (= poligraphus)	295	bimarginatus Eggers, <i>Xyloctonus</i>	840
bicolor Strohmeier, <i>Cyrtogenius</i>	563	binodatus Wood, <i>Hylocurus</i>	423
bicolor Wollaston, <i>Aphanarthrum</i>	617	<i>binodosus</i> Nunberg, <i>Premnobius</i> (= corthyloides)	653
bicolor Wood, <i>Chramesus</i>	264	binodulus (Ratzeburg), (<i>Bostrichus</i>), <i>Trypophloeus</i>	843
<i>bicolor</i> Wood, <i>Monarthrum</i> (= bicoloratum)	1051	<i>binodus</i> Reitter, <i>Kissophagus</i> (= novaki)	69
bicolor Wood, <i>Scolytomimus</i>	839	<i>binodus</i> Wood, <i>Scolytus</i>	325
bicolor Wood, <i>Tricolus</i>	1042	binotatus Schedl, <i>Polygraphus</i>	285
<i>bicolor</i> sculus Eggers, <i>Taphrorychus</i> (= bicolor)	557	<i>biographus</i> LeConte, <i>Xyleborus</i> (= celsus)	718
<i>bicolor</i> unimodus Beeson, (<i>Xyleborus</i>), <i>Euwallacea</i> (= bicolor)	687	<i>biorbis</i> Blackman, (<i>Micracis</i>), <i>Hylocurus</i> (= rudis)	427
bicoloratum Wood, <i>Monarthrum</i>	1051	bioalis Blackman, <i>Pityophthorus</i>	983
biconcavus Blackman, <i>Hylocurus</i>	423	bipunctatus Eichhoff, <i>Amphicranus</i>	1046
biconicus (Schedl), (<i>Myceloborus</i>), <i>Acanthotomicus</i>	479	birmanus (Eggers), (<i>Phloeosinus</i>), <i>Hyledius</i>	259
biconicus Eggers, <i>Xyleborus</i>	714	birmanus (Eichhoff), (<i>Triarnocerus</i>), <i>Hypothenemus</i>	909
bicornatulus (Wood), (<i>Xyleborus</i>), <i>Xyleborinus</i>	806	<i>birmanus</i> Eggers, (<i>Cryphalus</i>), <i>Coriacephilus</i> (= coriaceus)	854
bicornioides (Schedl), (<i>Xyleborus</i>), <i>Cnestus</i>	802	birmanus Eggers, <i>Coccotrypes</i>	593
bicornis (Eggers), (<i>Xyleborus</i>), <i>Cnestus</i>	802	birmanus Eggers, <i>Hyorrhynchus</i>	191
bicornis (Schedl), (<i>Xyleborus</i>), <i>Webbia</i>	830	birmanus Eggers, <i>Xyleborus</i>	716
<i>bicornis</i> Browne, (<i>Hyloperus</i>), <i>Cryptocurus</i> (= spinipennis)	72	birosimensis (Murayama), (<i>Ernocryphalus</i>), <i>Cryphalus</i>	877
bicornis Wood, <i>Acacais</i>	193	biseriatus (Eggers), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	910
bicornis Wood, <i>Carphoborus</i>	302	biseriatus Browne, <i>Dactylipalpus</i>	101
bicornus (Blackman), (<i>Micracis</i>), <i>Hylocurus</i>	423	<i>biseriatus</i> Eggers, <i>Chortastus</i> (= minimus)	311
bicornus Wood, <i>Cnesinus</i>	206	<i>biseriatus</i> Eggers, <i>Corthylus</i> (= luridus)	1074
bicornutus (Wood), (<i>Xyleborus</i>), <i>Taurodemus</i>	785	<i>biseriatus</i> Schedl, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= curtulus)	793
bicostatus (Sampson), (<i>Xyleborus</i>), <i>Amasa</i>	682	biseriatus Schedl, <i>Sphaerotrypes</i>	198
bicostatus Schedl, <i>Cnesinus</i>	206	biseriatus Schedl, <i>Xyloctonus</i>	840
<i>bicristatus</i> Chapuis, <i>Carphoborus</i> (= bifurcus)	303	<i>bisetosus</i> Schedl, (<i>Brachyspartus</i>), <i>Monarthrum</i> (= egenum)	1054
bicuspis (Eggers), (<i>Xyleborus</i>), <i>Coptoborus</i>	662	<i>bismarcensis</i> Browne, (<i>Xyleborus</i>), <i>Coptodryas</i> (= libra)	825
bicuspis Reitter, <i>Xylocleptes</i>	547	<i>bispinatus</i> Eichhoff, <i>Xyleborus</i> (= ferrugineus)	739
bidens (Blandford), (<i>Pterocydon</i>), <i>Monarthrum</i>	1051	bispinatus Schedl, <i>Cnesinus</i>	206
bidens (Schedl), (<i>Minips</i>), <i>Acanthotomicus</i>	479	bispinosulus (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	671
bidens Browne, <i>Hypothenemus</i>	909	bispinosus (Eggers), (<i>Ips</i>), <i>Acanthotomicus</i>	479
<i>bidens</i> Fabricius, (<i>Bostrichus</i>), <i>Pityogenes</i> (= bidentatus)	441		
<i>bidens</i> Wood, (<i>Minips</i>), <i>Acanthotomicus</i> (= bidentis)	479		
bidentatum Wood, <i>Monarthrum</i>	1051		
bidentatus (Herbst), (<i>Bostrichus</i>), <i>Pityogenes</i>	439		
bidentatus (Motschulsky), (<i>Phloeotrogus</i>), <i>Xyleborus</i>	715		

- bispinosus** Beaver, *Glostatus* 835
- bispinulus** Eggers, *Trypophloeus* (= **granulatus**) 845
- bispinum** (Blandford), (*Pterocyclon*),
 Monarthrum 1052
- bispinus** (Duftschmid), (*Bostrichus*), *Xylocleptes* 547
- bispinus** (Schedl), (*Xyleborus*), *Coptoborus* 662
- bispinus** Guyon, (*Bostrichus*), *Pityogenes*
 (= **bidentatus**) 442
- bispinus** Nobuchi, *Xyleborus* 716
- bispinus** Wood, *Chramesus* 264
- bistridentatus** (Eichhoff), (*Tomicus*), *Pityogenes* 442
- bisulcatus** Eichhoff, *Pityophthorus* (= **pullus**) 1025
- bisulcatus** Schedl, *Cnesinus* 206
- bituberculatum** (Eggers), (*Xyleborus*),
 Cyclorhipidion 698
- bituberculatum** Hagedorn, *Rhopalopselion* 96
- bituberculatum** Wollaston, *Liparthrum* 276
- bituberculatus** (Blandford), (*Gnathotrichus*),
 Gnathotrupes 1039
- bituberculatus** Browne, *Webbia* 830
- bituberculatus** Eggers, (*Stephanoderes*),
 Hypothenemus (= **brunneus**) 911
- bituberculatus** Eggers, *Premnobius* (= **cavipennis**) 652
- bituberculatus** Hagedorn, *Xylocleptes* 549
- bituberculatus** Nunberg, *Corthylus*
 (= **convexicauda**) 1072
- bituberculatus** Puzyr, *Scolytus* 325
- bituberculatus** Schedl, *Cnesinus* 206
- biuncus** Browne, *Xyleborus* 716
- biuncus** Reitter, *Xylocleptes* 549
- biuncus** Schedl, *Xyleborus* (= **ferrugineus**) 736
- bivittata** Kirby, (*Apatе*), *Trypodendron* (= **lineatum**) 642
- blackmani** (Schedl), (*Conophthocranulus*),
 Pityophthorus 983
- blackmani** Bright, *Pityophthorus* (= **brighti**) 985
- blackmani** Nunberg, (*Renocis*), *Chaetophloeus*
 (= **mexicanus**) 273
- blackmani** Schedl, *Cnesinus* 206
- blackmani** Schedl, *Phloeosinus* (= **sequoiae**) 254
- blackwelderi** Blackman, *Phloeosinus* (= **cupressi**) 245
- blaisdelli** Swaine, *Carphoborus* 303
- blandfordi** (Schedl), (*Hexacolus*), *Scolytodes* 389
- blandfordi** Sampson, *Hyorrhynchus* 191
- blandfordi** Schaufuss, *Sphaerotrypes* 198
- blandfordi** Stebbing, (*Tomicus*), *Ips* (= **stebbingi**) 527
- blanditus** Wood, *Araptus* 953
- blandulus** Schedl, *Pityophthorus* 983
- blandus** Blackman, *Pityophthorus* 983
- blandus** Schedl, *Xyleborus* 716
- Blastophagus** Eichhoff (= *Tomicus*) 122
- bobiriae** Schedl, *Xyleborus* (= **pseudoambasius**) 766
- bodei** Eggers, *Phloeoborus* 98
- bodoanus** Reitter, *Xyleborus* 716
- boeni** Schedl, *Xyleborus* (= **antanala**) 712
- boettcheri** Eggers, *Sphaerotrypes* 198
- boettcheri** Schedl, *Cryphalus* 877
- boieldicui** Perrond, (*Bostrichus*), *Hypothenemus*
 (= **eruditus**) 920
- boleti** Marsham, (*Ips*), *Hylastes* (= **ater**) 46
- boliviae** (Blackman), (*Camptocerus*), *Cuenonyx* 314
- boliviae** (Schedl), (*Hexacolus*), *Scolytodes* 389
- boliviae** (Schedl), (*Stephanopodius*), *Styphlosoma* 950
- boliviae** Blackman, *Phloeotribus* (= **schoenbachii**) 232
- boliviae** Wood, (*Hoplitophthorus*), *Cladoctonus*
 (= **corumbensis**) 238
- bolivianum** Eggers, *Monarthrum* (= **chapuisi**) 1052
- bolivianum** Schedl, (*Cosmocorynus*), *Monarthrum*
 (= **boliviensis**) 1052
- bolivianus** (Eggers), (*Isophthorus*),
 Acanthotomicus 479
- bolivianus** (Eggers), (*Stephanoderes*),
 Hypothenemus 910
- bolivianus** (Schedl), (*Neodryocoetes*), *Araptus* 953
- bolivianus** Eggers, (*Prionosceles*), *Scolytodes*
 (= **boliviensis**) 389
- bolivianus** Eggers, *Corthylus* 1070
- bolivianus** Eggers, *Cryptocarenum* (= **seriatus**) 904
- bolivianus** Eggers, *Phloeotribus* (= **setulosus**) 233
- bolivianus** Eggers, *Pityophthorus* 984
- bolivianus** Eggers, *Scolytodes* 389
- bolivianus** Eggers, *Xyleborus* 716
- bolivianus** Schedl, *Chramesus* 264
- bolivianus** Schedl, *Gnathotrupes* 1040
- bolivianus** Schedl, *Scolytus* 325
- boliviensis** Wood, *Monarthrum* 1052
- boliviensis** Wood, *Scolytodes* 389
- bombycinus** Browne, *Scolytoplatypus*
 (= **eutomoides**) 403
- bonanseai** (Hopkins), (*Tomicus*), *Ips* 492
- bonnairei** Brisout, *Carphoborus* 303
- bonnairei** Reitter, (*Dendrosinus*), *Chramesus*
 (= **rotundatus**) 268
- bonrouloiri** (Chapuis), (*Hylastes*), *Hyurgops* 30
- boops** Blandford, *Microborus* 383
- borassi** Beeson, *Coccotrypes* (= **dactyliperda**) 602
- borealis** Hopkins, *Dendroctonus* (= **rufipennis**) 180
- borealis** Karpinski, *Carphoborus*
 (= **cholodkovskiy**) 304
- borealis** Nobuchi, *Xylosandrus* 787
- borealis** Swaine, *Crypturgus* 620
- borealis** Swaine, *Ips* 493
- borealis** Swaine, *Pityophthorus* (= **nitidus**) 1016
- borealis** Swaine, *Trypodendron* (= **lineatum**) 643
- borealis borealis** Swaine, *Ips* (= **borealis**) 493
- borealis lanieri** Wood, *Ips* (= **borealis**) 494
- borealis swainei** R. Hopping, *Ips* (= **borealis**) 493
- borealis thomasi** G. Hopping, *Ips* (= **borealis**) 493
- borneensis** (Eggers), (*Dendrugus*), *Coccotrypes* 593
- borneensis** (Schedl), (*Phloeosinus*), *Hyledius* 259
- borneensis** Browne, *Acacacis* 193
- borneensis** Browne, *Eidophelus* 867
- borneensis** Browne, *Xyleborus* 716
- borneensis** Eggers, *Ozopemon* 589

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Bothinodroctonus Schedl	310	brevicollis Browne, <i>Xyleborus</i>	716
Bothrostermini Blandford (= <i>Bothrostermini</i>)	205	brevicollis Eggers, <i>Cryptocarenum</i>	902
Bothrosterminae Blandford (= <i>Bothrostermini</i>)	205	brevicollis Eggers, <i>Diamerus</i>	195
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Bothrostermoides Schedl	194	brevicomis LeConte, <i>Dendroctonus</i>	138
Bothrostermus Eichhoff	215	<i>brevicornis</i> Kirby, (<i>Apate</i>), <i>Polygraphus</i> (= rufipennis)	298
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brasiliensis (Schedl), (<i>Breviophthorus</i>), <i>Pityophthorus</i>	984	<i>brevipilosus</i> Beeson, (<i>Thamnurgides</i>), <i>Coccotrypes</i> (= nubilus)	608
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<i>brasiliensis</i> Eggers, (<i>Xyleborus</i>), <i>Ambrosiodinus</i> (= obliquus)	678	brevis (Eichhoff), (<i>Xyleborus</i>), <i>Xylosandrus</i>	787
brasiliensis Eggers, <i>Amphicranus</i>	1046	brevis Blackman, <i>Pityophthorus</i>	984
brasiliensis Eggers, <i>Scolytopsis</i>	320	<i>brevis</i> Browne, (<i>Ptilopodius</i>), <i>Cryphalus</i> (= tetricus)	897
<i>brasiliensis</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= crudiae)	915	brevis Eggers, <i>Bothrostermus</i>	215
brasiliensis Nunberg, <i>Chramesus</i>	264	<i>brevis</i> Eggers, <i>Coccotrypes</i> (= carpophagus)	594
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Cactopinini Chamberlin 435

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Cactopinus Schwarz	435	(= primus)	296
cacuminatus Blandford, <i>Pityophthorus</i>	985	<i>camerunus</i> Eggers, (<i>Pseudocrypturgus</i>), <i>Microborus</i>	
cacuminatus Eggers, <i>Xyleborus</i>	716	(= boops)	383
<i>caelator</i> Blackman, <i>Pityophthorus</i> (= aquilus)	981	camerunus Eggers, <i>Pityophthorus</i>	986
<i>caelator</i> Brownie, (<i>Xyleborus</i>), <i>Cryptoxyleborus</i>		camerunus Hagedorn, <i>Dactylipalpus</i>	101
(= nanus)	828	camerunus Hagedorn, <i>Strombophorus</i>	202
caelatus (Eichhoff), (<i>Tomicus</i>), <i>Orthotomicus</i>	467	<i>camerunus</i> Hagedorn, <i>Xyleborus</i> (= alluaudi)	710
caelatus (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	479	camerunus Schaufuss, <i>Chortastus</i>	311
<i>caelatus</i> Blanchard, (<i>Phloeotrupes</i>), <i>Phloeoborus</i>		<i>camerunus</i> rugosus Eggers, <i>Xyleborus</i> (= alluaudi)	710
(= scaber)	100	<i>camopinus</i> Hagedorn, (<i>Xyleborus</i>), <i>Taurodemus</i>	
<i>caclebs</i> Blandford, <i>Taurodemus</i> (= godmani)	785	(= splendidus)	786
caesalpiniae Blackman, <i>Spermophthorus</i>	971	camphorae (Eggers), (<i>Webbia</i>), <i>Arixyleborus</i>	665
caesius Hagedorn, <i>Diamerus</i>	195	camphorae (Hagedorn), (<i>Xyleborus</i>),	
calamarius Wood, <i>Corthylus</i>	1070	<i>Ambrosiodmus</i>	672
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(= myristicae)	606	<i>Coccotrypes</i>	594
<i>calcaratus</i> Dejean, <i>Pityogenes</i>		<i>Camptoceridae</i> Chapuis (= <i>Scolytini</i>)	313
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<i>californicus</i> Essig, (<i>Leperisinus</i>), <i>Hylesinus</i>		<i>canadensis</i> Swaine, <i>Pityophthorus</i> (= cariniceps)	986
(= californicus Swaine)	76	<i>canadensis</i> Swaine, <i>Xyleborus</i> (= xylographus)	784
<i>californicus</i> Hopkins, (<i>Xylocleptes</i>), <i>Dendrocranulus</i>		canaliculatus (Eggers), (<i>Xyleboricus</i>), <i>Arixyleborus</i>	665
(= cucurbitae)	550	canaliculus Wood, <i>Scolytodes</i>	389
<i>californicus</i> Hopkins, <i>Dendroctonus</i> (= rufipennis)	173	canalis Wood, <i>Scolytodes</i>	389
californicus Hopkins, <i>Hypothenemus</i>	912	canariense Wollaston, <i>Aphanarthrum</i>	617
<i>californicus</i> LeConte, <i>Scolytus</i> (= scolytus)	376	<i>canariense</i> longipes Israelson, <i>Aphanarthrum</i>	
<i>californicus</i> Schedl, (<i>Plesiophthorus</i>), <i>Dendroterus</i>		(= canariense)	617
(= striatus)	952	<i>canariensis</i> Eggers, <i>Coccotrypes</i> (= carpophagus)	596
californicus Wood, <i>Xyleborus</i>	716	canarii Browne, <i>Xyleborus</i>	716
caliginis Wood, <i>Corthycyclon</i>	1067	canarivorus Browne, <i>Xyleborus</i>	716
callidus Schedl, <i>Corthylus</i>	1070	cancellatus (Chapuis), (<i>Bothrosternus</i>),	
calligraphus (Germar), (<i>Tomicus</i>), <i>Ips</i>	494	<i>Sternobothrus</i>	216
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callosus (Schedl), (<i>Pterocyclon</i>), <i>Amphicranus</i>	1046	cancellatus Eggers, <i>Xyleborus</i>	717
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<i>calvus</i> Schedl, <i>Xylechinus</i> (= imperialis)	116	candidus (Nobuchi), (<i>Cryphalomorphus</i>),	
camela (Eggers), (<i>Xyleborus</i>), <i>Coptodryas</i>	823	<i>Scolytogenes</i>	860
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<i>camerunum</i> hirsutum Hagedorn, <i>Ctonoxylon</i>		<i>canescens</i> simplex Wollaston, <i>Aphanarthrum</i>	
(= flavescens)	837	(= canescens)	617
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<i>Hypothenemus</i>	912	<i>canus</i> Blackman, <i>Chramesus</i> (= subopacus)	269
camerunus (Hagedorn), (<i>Araptus</i>),		canus Niisima, <i>Xyleborus</i>	717
<i>Pseudomicracis</i>	429	capensis (Eggers), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	698
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<i>Tiarophorus</i>	539	capensis Schedl, <i>Ctonoxylon</i>	837
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<i>Xylocleptes</i>	549	capensis Schedl, <i>Strombophorus</i>	202

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carinatus Browne, *Margadillius* 898
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carinatus Eggers, *Sphaerotrypes* 199
carinatus Eggers, *Sternobothrus* 216
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<i>caucasicus</i> Reitter, <i>Phloeotribus</i>	219	<i>celtis</i> (Schedl), (<i>Ips</i>), <i>Acanthotomicus</i>	480
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collinus Bright, <i>Pityophthorus</i> (= <i>toralis</i>)	1031	concinus (Mannerheim), (<i>Bostrichus</i>), <i>Ips</i>	500
collis Niisima, <i>Xyleborus</i>	719	<i>concinus</i> Beeson, (<i>Xyleborus</i>), <i>Coptodryas</i> (= <i>elegans</i>)	824
colombianus (Blackman), (<i>Cryptocleptes</i>), <i>Pseudothysanoes</i>	412	concinus Wood, <i>Pityophthorus</i>	989
colombianus Wood, <i>Cnesinus</i>	206	concisus (Blandford), (<i>Xyleborus</i>), <i>Leptoxyleborus</i>	659
colombianus Wood, <i>Pseudopityophthorus</i>	972	concisus (Wood), (<i>Paracorthylus</i>), <i>Metacorthylus</i>	1064
<i>coloradensis</i> Wood, <i>Cryphalus</i> (= <i>ruficollis</i>)	892	concisus Wood, <i>Corthylus</i>	1072
colossus (Blandford), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	672	concisus Wood, <i>Microcorthylus</i>	1065
columbi Hopkins, <i>Hypothenemus</i>	912	concitatus (Schedl), (<i>Xyleborus</i>), <i>Amasa</i>	682
columbianus (Schedl), (<i>Hexacolus</i>), <i>Scolytodes</i>	390	concolor (Wollaston), (<i>Aphanarthrum</i>), <i>Crypturgus</i>	623
columbianus (Schedl), (<i>Neopityophthorus</i>), <i>Araptus</i>	954	concolor Hagedorn, <i>Hypothenemus</i>	913
columbianus Hopkins, <i>Corthylus</i>	1071	conditus Schedl, <i>Xyleborus</i>	719
<i>columbianus</i> Schedl, <i>Corthylus</i> (= <i>letzneri</i>)	1074	conditus Wood, <i>Araptus</i>	954
columbianus Schedl, <i>Dendrocranulus</i>	550	conditus Wood, <i>Dendrocranulus</i>	550
comans (Sampson), (<i>Xyleborus</i>), <i>Hadrodemius</i>	819	confertus (Schedl), (<i>Poecilips</i>), <i>Coccotrypes</i>	597
comatum (Eggers), (<i>Eupteroxylon</i>), <i>Monarthrum</i>	1052	confertus Swaine, <i>Pityophthorus</i>	989
comatus (Zimmermann), (<i>Crypturgus</i>), <i>Pityoborus</i>	968	confinis (Blandford), (<i>Pityophthorus</i>), <i>Araptus</i>	954
comatus Blandford, <i>Corthylus</i>	1071	confinis (Eggers), (<i>Webbia</i>), <i>Arixyleborus</i>	666
		confinis (Wood), (<i>Loganius</i>), <i>Cnemonyx</i>	314

- confinis* Eggers, (*Xyleborus*), *Eucallacca*
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- confinis* LeConte**, *Pityophthorus* 990
- confinis* Wood**, *Chaetophloeus* 271
- confinis* Wood**, *Dendrocraniulus* 551
- confinis* Wood, *Dendroterus* (= ***mexicanus***) 951
- confluens* (Schedl)**, (*Ctenyophthorus*), *Araptus* 954
- confluens* Schedl**, *Xyleborus* 719
- conformis* Dejean, *Ips* (= ***calligraphus***) 494
- conformis* Koll, *Xyleborus* (= ***ferrugineus***) 736
- contractus* Bright**, *Pityophthorus* 990
- confragosus* (Sampson)**, (*Cryphalomorphus*),
Scolytogenes 860
- confusa* Hopkins**, *Coptodryas* 823
- Confusoscolytus* Tsai & Huang (= *Scolytus*) 322
- confusum* Eggers**, *Rhopalopselion* 96
- confusus* (Eggers)**, (*Hylcurosoma*), *Scolytodes* 390
- confusus* (Eggers)**, (*Kissophagus*), *Hylesinopsis* 93
- confusus* (Eggers)**, (*Poecilips*), *Coccotrypes* 597
- confusus* (Eggers)**, (*Stephanoderes*),
Hypothenemus 913
- confusus* (LeConte)**, (*Tomicus*), *Ips* 500
- confusus* Blandford**, *Pityophthorus* 990
- confusus* Bright, *Pityophthorus* (= ***toralis***) 1031
- confusus* Browne**, *Cryptoxyleborus* 828
- confusus* Eggers, (*Eccoptogaster*), *Scolytus*
(= ***japonicus***) 335
- confusus* Eggers, (*Mimips*), *Acanthotomicus*
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- confusus* Eggers**, *Cryphalus* 878
- confusus* Eggers**, *Polygraphus* 286
- confusus* Eichhoff, *Xyleborus* (= ***ferrugineus***) 738
- confusus* Hopkins**, *Margadillius* 899
- confusus* Swaine**, *Dryocoetes* 580
- congonum* (Schedl)**, (*Hapalogenius*), *Rhopalopselion* 96
- congonus* (Eggers)**, (*Dryocoetes*), *Cyrtogenius* 564
- congonus* (Eggers)**, (*Mimips*), *Acanthotomicus* 480
- congonus* (Schedl)**, (*Brachydendrulus*),
Mimiocurus 949
- congonus* Eggers, (*Poecilips*), *Coccotrypes*
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- congonus* Eggers**, *Coccotrypes* 597
- congonus* Eggers**, *Miocryphalus* 410
- congonus* Eggers**, *Pityophthorus* 991
- congonus* Eggers**, *Polygraphus* 286
- congonus* Eggers**, *Sphaerotrypes* 199
- congonus* Hagedorn, (*Stephanoderes*),
Hypothenemus (= ***setosus***) 944
- congonus* Hagedorn, (*Xyleborus*), *Ambrosiodmus*
(= ***eichhoffi***) 673
- congonus* Hagedorn**, *Xylocleptes* 549
- congonus* Nunberg**, *Catenophorus* 237
- congonus* Schedl**, *Cladroctonus* 283
- congonus* Schedl**, *Scolytoplatus* 401
- congruens* (Schedl)**, (*Mimips*), *Acanthotomicus* 480
- congruens* Schedl**, *Xyleborus* 719
- conicolens* Wood**, *Conophthorus* 963
- conidens* Browne**, *Scolytus* 328
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- conifer* (Hagedorn)**, (*Xyleborus*), *Sampsonius* 655
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- coniferae* Stebbing, (*Pityophthorus*), *Pityogenes*
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- conjunctus* (Schedl)**, (*Mimips*), *Acanthotomicus* 450
- conjunctus* Reitter**, *Pityogenes* 451
- conjungens* Schedl**, *Rhopalopselion* 96
- Conophthocraniulus* Schedl (= *Pityophthorus*) 977
- Conophthorus* Hopkins** 963
- conradti* Hagedorn**, *Xyleborus* 720
- conradti* Schedl**, *Ctonoxylon* 837
- conscriptus* Bright**, *Pityophthorus* 991
- consentaneus* Blandford**, *Gnathotrichus* 1034
- consimile* (Blandford)**, (*Pterocyclon*),
Monarthrum 1052
- consimilis* (Eggers)**, (*Xyleborus*), *Ambrosiodmus* 672
- consimilis* LeConte**, *Pityophthorus* 991
- consimilis* Wood**, *Corthylus* 1072
- consimilis* Wood**, *Dendrocraniulus* 551
- consobrinus* (Eichhoff)**, *Gnathotrupes* 1040
- consobrinus* Blandford**, *Cosmoderes* 901
- consobrinus* Eggers**, *Xyleborus* 720
- consobrinus* Wood**, *Araptus* 954
- consocius* (Blandford)**, (*Problechilus*),
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(= ***perminimus***) 871
- constrictus* Schedl, *Gnathotrupes* (= ***longipennis***) 1041
- constrictus* Schedl, *Hypocryphalus* (= ***perminimus***) 871
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- continentalis* Eggers**, *Xyleborus* 720
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- contractus* Wood**, *Scolytodes* 391
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- convexa* Bright**, *Schedlia* 822
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<i>convexifrons</i> Wood, <i>Polygraphus</i>	286	<i>corpulentus</i> sundri Schedl, (<i>Margadillius</i>), <i>Ernocladius</i> (= <i>corpulentus</i>)	857
<i>convexus</i> (Schedl), (<i>Afromicracis</i>), <i>Micryphalus</i>	410	<i>corrugatum</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	698
<i>convexus</i> Bright, <i>Pseudopityophthorus</i> (= <i>pruinus</i>)	975	<i>corrugatus</i> (Schedl), (<i>Stephanorhopalus</i>), <i>Scolytogenes</i>	860
<i>convexus</i> Schedl, <i>Scolytus</i>	328	<i>corrugatus</i> Swaine, <i>Crypturgus</i> (= <i>borealis</i>)	620
<i>cooki</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>hampei</i>)	930	<i>corruptus</i> (Schedl), (<i>Xyleborus</i>), <i>Premnobius</i>	653
<i>Coptoborus</i> Hopkins	662	<i>corruptus</i> Schedl, (<i>Xyleborus</i>), <i>Coptoborus</i> (= <i>adjunctus</i>)	662
<i>Coptodryas</i> Hopkins	822	<i>corruptus</i> Wood, <i>Pityophthorus</i>	992
<i>Coptodryas</i> Schedl (= <i>Cnemonyx</i>)	313	<i>corsicum</i> Eichhoff, <i>Liparthrum</i> (= <i>mori</i>)	279
<i>Coptogaster</i> Illiger (= <i>Scolytus</i>)	321	<i>corsicus</i> Eggers, (<i>Myelophilus</i>), <i>Tomicus</i> (= <i>minor</i>)	127
<i>Coptosomus</i> Schedl (= <i>Cnemonyx</i>)	313	<i>corsicus</i> Eggers, <i>Crypturgus</i> (= <i>cinereus</i>)	623
<i>coracinus</i> Wood, <i>Cnesinus</i>	206	<i>corsicus</i> Eggers, <i>Trypophloeus</i> (= <i>rybinskii</i>)	846
<i>coracinus</i> Wood, <i>Pseudothysanoes</i>	413	<i>corsicus</i> Guillebeau, (<i>Phloeophthorus</i>), <i>Phloeotribus</i> (= <i>pubifrons</i>)	227
<i>corculum</i> Wood, <i>Monarthrum</i>	1053	<i>corsicus</i> Guillebeau, <i>Phloeotribus</i> (= <i>cristatus</i>)	220
<i>cordatum</i> (Blandford), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1053	<i>cortezi</i> Bright, <i>Pityophthorus</i>	992
<i>cordatus</i> (Bright), (<i>Tricolus</i>), <i>Amphicranus</i>	1046	<i>Cortheloderes</i> Schedl (= <i>Corthylus</i> , = <i>gracilis</i>)	1074
<i>cordatus</i> Hagedorn, <i>Strombophorus</i>	202	<i>Corthyacyclon</i> Schedl	1067
<i>cordatus</i> Hagedorn, <i>Xyleborus</i> (= <i>emarginatus</i>)	733	<i>Corthyli</i> LeConte (= <i>Corthylini</i>)	949, 1034
<i>corditicum</i> Wood, <i>Monarthrum</i>	1053	<i>Corthylidae</i> LeConte (= <i>Corthylini</i>)	949
<i>cordipennis</i> Lea, <i>Hylesinus</i>	77	<i>corthyliformis</i> Schedl, (<i>Gnathotrichus</i>), <i>Gnathotrupes</i> (= <i>longipennis</i>)	1041
<i>Coriacephilus</i> Schedl	853	<i>Corthylina</i> LeConte, part (= <i>Corthylini</i>)	1034
<i>coriaceus</i> (Eichhoff), (<i>Stephanoderes</i>), <i>Coriacephilus</i>	854	<i>Corthylinae</i> LeConte (= <i>Corthylini</i>)	949
<i>coriaceus</i> Schedl, (<i>Erioschidias</i>), <i>Cosmoderes</i> (= <i>monilicollis</i>)	901	<i>Corthylini</i> LeConte	949
<i>corni</i> Kurenzov, <i>Hypothenemus</i>	913	<i>Corthylocurus</i> Wood	1068
<i>corniculatulus</i> Schedl, (<i>Xyleborus</i>), <i>Coptoborus</i> (= <i>vespatorius</i>)	665	<i>corthyloides</i> (Schedl), (<i>Xyleborus</i>), <i>Xylosandrus</i>	790
<i>corniculatus</i> Schedl, (<i>Xyleborus</i>), <i>Coptoborus</i> (= <i>vespatorius</i>)	665	<i>corthyloides</i> Eichhoff, <i>Gnathotrichus</i> (= <i>materiarius</i>)	1036
<i>corniger</i> Wood, <i>Chramesus</i>	264	<i>corthyloides</i> Hagedorn, <i>Premnobius</i>	653
<i>cornivor</i> Murayama, <i>Xyleborus</i>	720	<i>corthyloides</i> Schedl, (<i>Gnathotrichus</i>), <i>Gnathotrupes</i> (= <i>longipennis</i>)	1041
<i>cornutum</i> Eggers, <i>Ctonoxylon</i>	837	<i>Corthylomimus</i> Ferrari (= <i>Monarthrum</i>)	1050
<i>cornutus</i> Axentjev, <i>Cynanchophagus</i>	1083	<i>Corthylomimus</i> Schedl (= <i>Corthylus</i>)	1069
<i>cornutus</i> Schaufuss, <i>Xyleborus</i>	720	<i>Corthylus</i> Erichson	1069
<i>cornutus</i> Schedl, <i>Webbia</i>	830	<i>corticalis</i> Eichhoff, <i>Pityophthorus</i>	992
<i>cornutus</i> Wood, <i>Cnesinus</i>	207	<i>corticinus</i> Wood, <i>Hylurdretonus</i>	186
<i>coronarius</i> Blackman, <i>Pityophthorus</i>	992	<i>corticiperda</i> Erichson, <i>Hylastes</i> (= <i>linearis</i>)	56
<i>coronatus</i> (Chapuis), (<i>Phloeosinus</i>), <i>Chaetophloeus</i>	271	<i>corticus</i> Beeson, (<i>Thamnurgides</i>), <i>Coccotrypes</i> (= <i>nubilus</i>)	608
<i>coronatus</i> Eggers, <i>Corthylus</i>	1072	<i>corumbensis</i> (Eggers), (<i>Hoplites</i>), <i>Cladoctonus</i>	238
<i>coronatus</i> Eggers, <i>Polygraphus</i>	286	<i>corumbensis</i> Eggers, <i>Chramesus</i>	264
<i>coronatus</i> Eggers, <i>Taphrorychus</i>	559	<i>coryli</i> (Perris), (<i>Tomicus</i>), <i>Lymantor</i>	555
<i>coronatus</i> Eichhoff, <i>Xyleborus</i> (= <i>spathipennis</i>)	774	<i>coryli</i> Stark, <i>Cryphalus</i>	878, 884
<i>coronatus</i> Wood, <i>Cryptocarenum</i> (= <i>brevicollis</i>)	902	<i>Cosmocorynus</i> Ferrari (= <i>Monarthrum</i>)	1050
<i>corporaali</i> (Eggers), (<i>Xyleborus</i>), <i>Coptodryas</i>	823	<i>Cosmoderes</i> Eichhoff	900
<i>corpulentus</i> (Sampson), (<i>Cryphalus</i>), <i>Ernocladius</i>	857	<i>cosmoderoides</i> Murayama, <i>Hypothenemus</i>	913
<i>corpulentus</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	860	<i>costabilis</i> Wood, <i>Pityophthorus</i>	992
<i>corpulentus</i> (Schedl), (<i>Erioschidias</i>), <i>Cosmoderes</i>	901	<i>costabilis</i> Wood, <i>Scolytodes</i>	391
<i>corpulentus</i> (Schedl), (<i>Neodryocoetes</i>), <i>Araptus</i>	954	<i>costalimai</i> Blackman, <i>Pityophthorus</i>	992
<i>corpulentus</i> Browne, <i>Coccotrypes</i>	598	<i>costalimai</i> Nunberg, (<i>Ernophloeus</i>), <i>Hypothenemus</i> (= <i>eruditus</i>)	926
<i>corpulentus</i> Eggers, <i>Xyleborus</i>	720	<i>costalimai</i> Schedl, <i>Dendrocranulus</i>	551
* <i>corpulentus</i> Schedl, <i>Hylurgops</i>	30	<i>costaricensis</i> (Schedl), (<i>Microcorthylus</i>), <i>Corthylocurus</i>	1069

- costaricensis* (Schedl), (*Neodryocoetes*), *Araptus* . . . 954
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<i>defensus</i> Blandford, <i>Xyleborus</i>	723	<i>dentatum</i> Numberg, <i>Rhopalopselion</i>	96
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<i>deleoni</i> Blackman, <i>Phloeosinus</i>	245	<i>dentellus</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	806
<i>deleoni</i> Bright, <i>Pityophthorus</i> (= <i>californicus</i>)	986	<i>dentibarbis</i> Schedl, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>forficuloides</i>)	807
<i>deletus</i> LeConte, <i>Pityophthorus</i>	993	<i>denticollis</i> Schedl, <i>Hylocurus</i>	423
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<i>delicatus</i> Schedl, <i>Hypothenemus</i>	916	<i>denticulatus</i> Blackman, <i>Gnathotrichus</i>	1035
<i>delicatus</i> Wood, <i>Araptus</i>	955	<i>denticulatus</i> Browne, <i>Webbia</i>	830
<i>delicatus</i> Wood, <i>Pityophthorus</i>	994	<i>denticulatus</i> Eggers, (<i>Pityophthorus</i>), <i>Araptus</i> (= <i>eggersianus</i>)	956
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<i>demissus</i> Blandford, <i>Phloeotribus</i>	220	<i>denticulosus</i> Sokanovskii, <i>Hylesinus</i> (= <i>tupolevi</i>)	85
<i>demissus</i> Blackman, <i>Pityophthorus</i> (= <i>absonus</i>)	978	<i>denticulus</i> (Eggers), (<i>Ips</i>), <i>Acanthotomicus</i>	480
<i>demissus</i> Wood, <i>Chramesus</i>	264	<i>denticulus</i> Motschulsky, (<i>Anodius</i>), <i>Xyleborus</i> (= <i>perforans</i>)	761
<i>demissus</i> Wood, <i>Microcorthylus</i>	1065	<i>denticulus</i> Wood, <i>Pseudopityophthorus</i>	973
<i>demissus</i> Wood, <i>Xyleborus</i>	723	<i>dentifrons</i> (Blackman), (<i>Phthorophloeus</i>), <i>Phloeotribus</i>	221
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<i>Dendrochilus</i> Schedl	438	<i>dentifrons</i> Wood, <i>Araptus</i>	955
<i>Dendrocranulus</i> Schedl	550	<i>dentiger</i> LeConte, <i>Monarthrum</i> (= <i>dentigerum</i>)	1053
<i>Dendroctonides</i> Nusslin (= <i>Tomicini</i>)	103	<i>dentigerum</i> (LeConte), (<i>Cryphalus</i>), <i>Monarthrum</i>	1053
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elegans Swaine, *Pityokteines* 462

elegans Thomson, *Hylesinus* 80

elegans Wichmann, (*Pseudothamnurgus*),
Tiarophorus (= *normandi*) 540

elegantis Wood, *Cnesinus* 208

elegantulus Schedl, *Amphicranus* 1047

elegantulus Schedl, *Amphicranus* (= *brownei*) 1046

elevatus Eggers, *Xyleborus* 732

elimatus Bright, *Pityophthorus* (= *subopacus*) 1030

ellipticus Chapuis, *Phloeoborus* 99

ellipticus Eggers, (*Hexacolus*), *Scolytodes*
(=*maurus*) 395

ellipticus Murayama, *Scolytus* 329

elongatissimus Wood, *Cyrtogenius* 564

elongatissimus Wood, *Scolytodes* 391

elongatulus (Schedl), (*Poecilips*), *Coccotrypes* 602

elongatulus Schedl, *Dendrochilus* 438

elongatulus Schedl, *Pityophthorus* 997

elongatulus Wood, *Cyrtogenius* 564

elongatum (Eggers), (*Aphanarthrum*), *Deropria* 620

elongatum Eggers, *Liparthrum* (= *mori*) 278

elongatus (Eggers), (*Dendurgus*), *Coccotrypes* 602

elongatus (Eggers), (*Erioschidias*), *Cosmoderes* 901

elongatus (Eggers), (*Pelicerus*), *Cyrtogenius* 565

elongatus (Schedl), (*Hylesinus*), *Ficicis* 91

elongatus (Schedl), (*Landolphianus*), *Lanurgus* 408

elongatus (Schedl), (*Mimips*), *Acanthotomicus* 480

elongatus (Schedl), (*Thamnophthorus*), *Araptus* 956

elongatus Chapuis, *Phloeoborus* (= *rudis*) 100

elongatus Eggers, *Hylastinus* (= *obscurus*) 65

elongatus Eggers, (*Hylocurosoma*), *Scolytodes*
(=*elongatissimus*) 392

elongatus Eggers, *Hyorrhynchus* 191

elongatus Eggers, *Strombophorus* 203

elongatus Eggers, *Xyleborus* 733

elongatus Herbst, (*Bostrichus*), *Hylurgus*
(=*ligniperda*) 121

elongatus Hopkins, (*Stephanoderes*), *Hypothenemus*
(=*eruditus*) 923

elongatus Lovendal, (*Tomicus*), *Pityogenes*
(=*trepanatus*) 459

elongatus (Nobuchi), (*Ericryphalus*), *Cryphalus* 879

elongatus Schedl, (*Eidophelus*), *Cyrtogenius*
(=*elongatulus*) 564

elongatus Schedl, (*Ozodendron*), *Cyrtogenius*
(=*elongatissimus*) 564

elongatus Schedl, *Cladoctonus* 238

elongatus Schedl, *Cryphalus* 879

elongatus Schedl, *Miocryphalus* 411

elongatus Schedl, *Scolytodes* (= *trispinosus*) 400

elongatus Schedl, *Scolytus* 329

elongatus Schedl, *Thamnurgus* 543

elongatus Schreiner, *Tiarophorus* 539

elongatus Swaine, *Pityophthorus* (= *murayanae*) 1014

elsae Eggers, *Pseudomicracis* 429

Elzearius Guillebeau (= *Phloeotribus*) 218

emarginatus (LeConte), (*Tomicus*), *Ips* 503

emarginatus (Nunberg), (*Trypographus*),
Hylesinopsis 94

emarginatus Browne, *Acanthotomicus* 480

emarginatus Eggers, *Corthylus* 1073

emarginatus Eggers, *Xyloctonus* (= *scolytoides*) 841

emarginatus Eichhoff, *Xyleborus* 733

emarginatus Hopkins, *Coptoborus* (= *vespatorius*) 665

emarginatus Schedl, *Hypothenemus* (= *obscurus*) 937

emarginatus Wichmann, (*Eccoptogaster*), *Scolytus*
(=*schevyrewi*) 371

emarginatus semicircularis Schedl, *Xyleborus*
(=*emarginatus*) 733

° *emmi* (Hagedorn), (*Cryphalus*), *Hypothenemus* 918

emmi Eggers, (*Stephanoderes*), *Hypothenemus*
(=*emmi* Hagedorn) 918

endroedyi (Schedl), (*Hemihylesinus*), *Hylesinopsis* 94

engadinensis Fuchs, *Ips* (= *cembrae*) 497

engelmanni Hopkins, *Dendroctonus* (= *rufipennis*) 178

<i>engelmanni</i> Swaine, <i>Ips</i> (= tridens)	528	<i>eugeniae</i> (Schedl), (<i>Dryocoetes</i>), <i>Dryocoetiops</i>	587
<i>engelmanni</i> Wood, <i>Carphoborus</i> (= sansoni)	309	<i>Eulepiops</i> Schedl (= <i>Cyrtogenius</i>)	562
<i>enixus</i> Blackman, <i>Phloeosinus</i> (= dentatus)	246	<i>Eulytocerus</i> Blandford (= <i>Phloeotribus</i>)	218
ensifer Eichhoff, <i>Scolytus</i>	329	eumerum (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1054
<i>Ecoryphalus</i> Kurenzov (= <i>Ernoporius</i>)	848	euonymi Kurenzov, <i>Allernoporus</i>	852
eos Spessivtsev, <i>Hylesinus</i>	80	Eupagiocerus Blandford	214
epicaris Wood, <i>Thysanocs</i>	420	eupatorii (Eggers), (<i>Xyleborus</i>), <i>Xylosandrus</i>	794
<i>episternatus</i> Schedl, (<i>Scolytus</i>), <i>Scolytopsis</i> (= puncticollis)	321	euphorbiae (Bright), (<i>Afrotrypetus</i>), <i>Styracoptinus</i>	281
<i>epistomalis</i> Schedl, (<i>Pityophthorus</i>), <i>Gnatholeptus</i> (= panamensis)	970	euphorbiae (Kuster), (<i>Bostrichus</i>), <i>Thamnurgus</i>	543
<i>Epomaidis</i> Blandford (= <i>Scolytodes</i>)	358	euphorbiae (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	480
<i>Epsips</i> Beeson (= <i>Hypothenemus</i>)	905	euphorbiae (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	925
equidens Wood, <i>Hylocurus</i>	424	euphorbiae Schedl, <i>Lanurgus</i>	408
equihuai Bright, <i>Pityophthorus</i>	997	euphorbiae Wollaston, <i>Aphanarthrum</i>	618
equihuai Wood, <i>Cnemonyx</i>	314	euphorbiae Wood, <i>Cnemonyx</i>	315
equihuai Wood, <i>Cnesinus</i>	208	euphorbiae Wood, <i>Cryphalogenes</i>	857
erectus LeConte, <i>Hypothenemus</i>	918	<i>eupolyphagus</i> Beeson, <i>Hypothenemus</i> (= areccae)	907
ericius (Schaufuss), (<i>Diamerus</i>), <i>Hylesinopsis</i>	94	<i>Eupteroxylon</i> Eggers (= <i>Monarthrum</i>)	1050
ericius (Schaufuss), (<i>Diamerus</i>), <i>Strombophorus</i>	203	<i>Euptilius</i> Schedl (= <i>Ernoporius</i>)	854
<i>Ericryphalus</i> Hopkins (= <i>Cryphalus</i>)	872	<i>Eurydactylus</i> Hagedorn (= <i>Eccoptyopterus</i>)	819
erinacea (Eggers), (<i>Xyleborus</i>), <i>Coptodryas</i>	824	eurygraphus (Ratzeburg), (<i>Bostrichus</i>), <i>Xyleborus</i>	733
erinacellus Wichmann, <i>Kissophagus</i>	68	euryopsis Schedl, <i>Thamnurgus</i>	543
erinaceus Schedl, <i>Chramesus</i>	265	eurypterus Schedl, <i>Chramesus</i>	265
erinaceus Schedl, <i>Phloeotribus</i>	221	eusulcatus Tsai & Huang, <i>Hylurgops</i>	31
<i>Erineophilus</i> Hopkins (= <i>Scolytodes</i>)	358	euterpes Bright, <i>Pityophthorus</i>	997
erineophilus Wood, <i>Scolytodes</i>	392	eutomoides Blandford, <i>Scolytolatypus</i>	402
<i>Erineosinus</i> Blackman (= <i>Liparthrum</i>)	274	Euvallacea Hopkins	685
<i>Erioschidias</i> Schedl (= <i>Cosmoderes</i>)	900	evanescens Wood, <i>Micracis</i>	432
Ernocladius Wood	857	evidens Wood, <i>Cnemonyx</i>	315
<i>Ernocryphalus</i> Murayama (= <i>Cryphalus</i>)	872	<i>evonymi</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= eruditus)	923
<i>Ernophloeus</i> Nunberg (= <i>Hypothenemus</i>)	905	exactus (Schedl), (<i>Xyleborus</i>), <i>Amasa</i>	683
<i>Ernopocerus</i> Balachowsky (= <i>Ernoporius</i>)	848	exaratus Blandford, <i>Xyleborus</i>	734
Ernoporius Berger	848	exasperatus Schedl, <i>Coccotrypes</i> (= carpophagus)	597
<i>Ernoporides</i> Hopkins (= <i>Scolytogenes</i>)	858	excavatus (Eggers), (<i>Anchonocerus</i>), <i>Monarthrum</i>	1054
<i>Ernoporinae</i> Nusslin (= <i>Cryphalini</i>)	842	* excavatus (Hagedorn), (<i>Xyleborus</i>), <i>Xyleborinus</i>	806
Ernoporius Thomson	854	excavatus (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	480
erosus (Wollaston), (<i>Tomicus</i>), <i>Ips</i>	504	excavatus (Wood), (<i>Cryptulocleptus</i>), <i>Pseudothysanoes</i>	413
erosus Schedl, <i>Phloeotribus</i>	221	excavatus Schedl, <i>Coccotrypes</i>	602
<i>erosus melanurus</i> Reitter, <i>Ips</i> (= robustus)	522	excavus Schedl, <i>Xyleborus</i>	734
errans (Blandford), (<i>Ceratolepis</i>), <i>Cnemonyx</i>	314	excellens (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	861
errans Blandford, <i>Hylocurus</i>	424	excellens Schedl, <i>Pityophthorus</i>	997
erraticum Schedl, <i>Cryphalus</i>	879	excisus (Ferrari), (<i>Morizus</i>), <i>Corthylus</i>	1073
erraticus Schedl, <i>Pityophthorus</i>	997	exesus Blandford, <i>Xyleborus</i>	734
eruditus (Schedl), (<i>Neopityophthorus</i>), <i>Araptus</i>	956	<i>exesus</i> Say, (<i>Bostrichus</i>), <i>Ips</i> (= calligraphus)	496
eruditus Westwood, <i>Hypothenemus</i>	919	exigialis Wood, <i>Araptus</i>	956
<i>erythrinae</i> Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= eruditus)	924	exigua Wood, <i>Trischidias</i>	947
erythrinae Hopkins, <i>Margadillius</i>	899	exiguus (Blandford), (<i>Loganius</i>), <i>Cnemonyx</i>	315
<i>esau</i> Gredler, <i>Hylesinus</i> (= toranio)	85	exiguus (Browne), (<i>Euptilius</i>), <i>Ernoporius</i>	855
espinosai Brethes, <i>Pityophthorus</i>	997	exiguus (Walker), (<i>Bostrichus</i>), <i>Xyleborinus</i>	806
<i>Estenoborus</i> Reitter (= <i>Carphoborus</i>)	302	<i>exiguus</i> Blackman, <i>Pityophthorus</i> (= opaculus)	1018
esuriens Blandford, <i>Scolytus</i>	330		
<i>Ethadopselaphus</i> Blandford (= <i>Dactylipalpus</i>)	100		
eucalyptica (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	824		
eugeniae (Eggers), (<i>Xyleborus</i>), <i>Amasa</i>	683		

<i>exiguus</i> Blandford, <i>Cryphalus</i>	879	<i>fallax</i> Eggers, (<i>Mimips</i>), <i>Acanthotomicus</i> (= <i>quadrituberculatus</i>)	483
<i>exiguus</i> Wood, <i>Corthyli</i>	1073	<i>fallax</i> Eggers, <i>Ips</i> (= <i>cembrae</i>)	499
<i>exiguus</i> Wood, <i>Cryphalogenes</i>	857	<i>fallax</i> Eichhoff, <i>Xyleborus</i>	735
<i>exiguus</i> Wood, <i>Scolytodes</i>	392	<i>fallax</i> Hagedorn, (<i>Meringopalpus</i>), <i>Gymnochilus</i> (= <i>zonatus</i>)	387
<i>exile</i> Eichhoff, (<i>Pterocyclon</i>), <i>Microcorthyli</i> (= <i>parvulus</i>)	1066	<i>fallax</i> Wichmann, <i>Hylurgops</i> (= <i>batnensis</i>)	30
<i>exilis</i> (Wood), (<i>Loganius</i>), <i>Cnemomyx</i>	315	<i>fallaxoides</i> Schedl, <i>Xyleborus</i>	735
<i>exilis</i> Chapuis, <i>Hylastes</i>	53	<i>falsus</i> Schedl, <i>Xyleborus</i>	735
<i>exilis</i> Schedl, (<i>Xyleborus</i>), <i>Coptoborus</i> (= <i>pseudotenuis</i>)	664	<i>familiaris</i> (Schedl), (<i>Xyleborus</i>), <i>Prennobi</i>	653
<i>exilis</i> Swaine, <i>Pityophthorus</i> (= <i>murrayanae</i>)	1014	<i>fankhauseri</i> Reitter, <i>Hylastinus</i>	64
<i>exilis</i> Wood, <i>Chramesus</i>	265	<i>farinosus</i> Blandford, <i>Hypothenemus</i> (= <i>birmanus</i>)	910
<i>exilis</i> Wood, <i>Micracis</i>	432	<i>fasciatum</i> (Say), (<i>Bostrichus</i>), <i>Monarthrum</i>	1055
<i>eximius</i> (Schedl), (<i>Erischidias</i>), <i>Ernoporicus</i>	850	<i>fasciatus</i> (Blackman), (<i>Renocis</i>), <i>Chaetophloeus</i>	272
<i>eximius</i> (Schedl), (<i>Ips</i>), <i>Acanthotomicus</i>	480	<i>fasciatus</i> (Hagedorn), (<i>Kissophagus</i>), <i>Hylesinopsis</i>	94
<i>eximius</i> Schedl, <i>Hypothenemus</i>	925	<i>fasciatus</i> Fabricius, (<i>Hylesinus</i>), <i>Camptocerus</i> (= <i>suturalis</i>)	320
<i>eximius</i> Schedl, <i>Pityophthorus</i>	997	<i>fasciatus</i> Hagedorn, <i>Scolytoplatypus</i>	403
<i>eximius</i> Schedl, <i>Xyleborus</i>	734	<i>fasciatus</i> LeConte, <i>Hylesinus</i>	80
<i>eximius</i> Wood, <i>Dendroterus</i>	951	<i>fasciatus</i> Reitter, <i>Scolytus</i> (= <i>kirschi</i>)	337
<i>eximius</i> Wood, <i>Scolytodes</i>	392	<i>fastigatus</i> Schedl, <i>Xyleborus</i>	735
<i>exornatum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1055	<i>fastigiat</i> Blandford, <i>Amphicranus</i>	1047
<i>exornatus</i> Schedl, <i>Traglostus</i>	410	<i>fastigiorum</i> Wood, <i>Monarthrum</i>	1056
<i>expers</i> (Blandford), (<i>Hypothenemus</i>), <i>Scolytogenes</i>	861	<i>fastigius</i> (Wood), (<i>Loganius</i>), <i>Cnemomyx</i>	315
<i>explicitus</i> Wood, <i>Pityophthorus</i>	998	<i>fauveli</i> Reitter, <i>Scolytus</i> (= <i>rugulosus</i>)	369
<i>expressus</i> Schedl, <i>Sphaerotrypes</i>	199	<i>fefferi</i> Keler, (<i>Ips</i>), <i>Orthotomicus</i> (= <i>proximus</i>)	475
<i>expulsus</i> Wood, <i>Sampsonius</i>	656	<i>felis</i> Beeson, <i>Cryphalus</i> (= <i>felis</i> Wood)	880
<i>exquisitus</i> (Blackman), (<i>Neodryocoetes</i>), <i>Pityophthorus</i>	998	<i>felis</i> Wood, <i>Cryphalus</i>	880
<i>exsculpta</i> (Eggers), (<i>Xyleborus</i>), <i>Coptodryas</i>	824	<i>felix</i> (Schedl), (<i>Xyleborus</i>), <i>Prennobi</i>	653
<i>exsculptus</i> (Ratzeburg), <i>Pityophthorus</i>	998	<i>femineus</i> Wood, <i>Hylocurus</i>	424
<i>exsectus</i> Perkins, <i>Xyleborus</i>	735	<i>femoratus</i> Eggers, <i>Xyleborus</i> (= <i>spathipennis</i>)	774
<i>exsectus</i> Schedl, <i>Pityophthorus</i>	999	<i>fenestratum</i> Eggers, <i>Monarthrum</i>	1056
<i>extensa</i> (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	824	<i>fennicus</i> Eggers, <i>Pityophthorus</i> (= <i>micrographus</i>)	1012
<i>externedentatus</i> Schedl, <i>Hypothenemus</i>	926	<i>fenoris</i> Wood, <i>Tricolus</i>	1043
* <i>extractus</i> Scudder, <i>Hylesinus</i>	80	<i>ferinus</i> (Schedl), (<i>Xyleborus</i>), <i>Xylosandrus</i>	794
<i>exul</i> (Reitter), (<i>Thamnurgus</i>), <i>Taphronurgus</i>	546	<i>ferox</i> Blandford, <i>Xyleborus</i>	735
<i>exul</i> Wood, <i>Chramesus</i>	265	<i>ferrarii</i> (Blandford), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1056
<i>exultus</i> (Wood), (<i>Xyleborus</i>), <i>Coptoborus</i>	663	<i>ferreirai</i> (Schedl), (<i>Styracopterus</i>), <i>Styracoptinus</i>	281
<i>fabricii</i> Schedl, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>apicalis</i>)	671	<i>ferrugineus</i> (Fabricius), (<i>Bostrichus</i>), <i>Xyleborus</i>	735
<i>facet</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	673	<i>ferrugineus</i> Boheman, (<i>Bostrichus</i>), <i>Xyleborus</i> (= <i>similis</i>)	773
<i>facet</i> Wood, <i>Araptus</i>	956	<i>ferrugineus</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>multidentatus</i>)	936
<i>facet</i> Wood, <i>Scolytodes</i>	392	<i>ferrugineus</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	923
<i>facialis</i> Schedl, <i>Scolytus</i>	331	<i>ferulae</i> Pfeffer, <i>Cisurgus</i>	630
* <i>facilis</i> Heer, <i>Hylesinus</i>	80	<i>ferus</i> (Wood), (<i>Ambrosiosmus</i>), <i>Ambrosiodmus</i>	673
<i>fagi</i> (Fabricius), (<i>Apate</i>), <i>Ernoporicus</i>	850	<i>festivum</i> Schedl, <i>Ctonoxylon</i>	837
<i>fagi</i> (Nobuchi), (<i>Poecilips</i>), <i>Coccotrypes</i>	603	<i>festivus</i> Eichhoff, <i>Xyleborus</i>	739
<i>fagi</i> Blackman, <i>Pseudopityophthorus</i>	973	<i>festivus</i> Schedl, <i>Cyrtogenius</i>	565
<i>fagi</i> Walsh, <i>Scolytus</i>	330	<i>festivus</i> Wood, <i>Micracis</i>	432
<i>falcarius</i> Schedl, <i>Xyleborus</i>	735	<i>festivus</i> Wood, <i>Pseudopityophthorus</i>	973
<i>fallaciosus</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	480	<i>festus</i> Wood, <i>Pityophthorus</i>	999
<i>fallaciosus</i> Schedl, (<i>Xyleborus</i>), <i>Coptoborus</i> (= <i>usagarius</i>)	665	<i>festus</i> Wood, <i>Scolytodes</i>	392
<i>fallax</i> (Eggers), (<i>Poecilips</i>), <i>Coccotrypes</i>	603	<i>fici</i> Blandford, <i>Diamerus</i>	195
<i>fallax</i> (Hagedorn), (<i>Trigonogenius</i>), <i>Pityophthorus</i>	999	<i>fici</i> Beeson, (<i>Ericryphalus</i>), <i>Cryphalus</i> (= <i>scabricollis</i>)	893
<i>fallax</i> Costa Lima, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>crudiae</i>)	915	<i>fici</i> Browne, <i>Acanthotomicus</i>	481

- fici* Lea, *Aricerus* (= *eichhoffi*) 217
- fici** Browne, *Hypocryphalus* 869
- fici** Wood, *Phloeotribus* 221
- fici* Wood, *Pycnarthrum* (= *reticulatum*) 385
- Ficicis** Lea 90
- ficicolens** Wood, *Scolytodes* 392
- Ficiphagus* Murayama (= *Ficicis*) 90
- ficivorus** Murayama, *Cryphalus* 880
- ficivorus** Wood, *Scolytodes* 392
- ficus** (Schedl), (*Kissophagus*), *Hylesinopsis* 94
- ficus** (Schwarz), (*Loganius*), *Cnemomyx* 315
- ficus* Beeson, *Cryphalus* (= *scabricollis*) 893
- ficus** Eggers, *Xyleborus* 740
- ficus** Erichson, *Hypoborus* 280
- ficus* Hopkins, (*Stephanoderes*), *Hypothenemus*
(= *seriatus*) 942
- fiebrigi* Hopkins, (*Stephanoderes*), *Hypothenemus*
(= *seriatus*) 942
- figuratus** Schedl, *Xyleborus* 740
- fijianus** (Schedl), (*Lepicerinus*), *Scolytogenes* 861
- fijianus** (Schedl), (*Ozopemon*), *Cyrtogenius* 565
- fijianus** (Schedl), (*Pecilips*), *Coccotrypes* 603
- fijianus** (Schedl), (*Xyleborus*), *Xylosandrus* 794
- fijianus* Schedl, (*Stephanopodius*), *Hypothenemus*
(= *dorsosignatus*) 917
- filiformis** (Schedl), (*Xyleborus*), *Eucallacea* 688
- filliformis** Blandford, *Amphicranus* 1047
- filum** (Reitter), (*Crypturgus*), *Cisurgus* 630
- filum** Schedl, *Dendrochilus* 438
- fimbriaticorne** (Blandford), (*Pterocyclon*),
Monarthrum 1056
- fimbriatus** (Schedl), (*Gnathotrichus*),
Gnathotrupes 1040
- fimbriatus** Wood, *Pseudothysanoes* 413
- fimbricornis** LeConte, *Thysanoes* 420
- fiorii* Eggers, (*Hylastinus*), *Pagiocerus* (= *frontalis*) 213
- fischeri** Hagedorn, *Xyleborus* 740
- fiskei* Blackman, *Scolytus* (= *unispinosus*) 380
- fitchi* Hopkins, *Xyleborus* (= *intrusus*) 745
- fivasi* Blackman, (*Myeloborus*), *Pityophthorus*
(= *ramiperda*) 1025
- flabellifer* Sampson, *Cryphalus* (= *scabricollis*) 893
- flagellatus** Wood, *Hylocurus* 425
- flagellifer** Blandford, *Corthylus* 1073
- flaglerensis** Blackman, *Hylocurus* 425
- flavescens** Hagedorn, *Ctonoxylon* 837
- flavescens* Hopkins, (*Stephanoderes*), *Hypothenemus*
(= *interstitialis*) 931
- flavescens* usambaricum Eggers, *Ctonoxylon*
(= *flavescens*) 837
- flavicollis* Enderlein, *Coleobothrus* (= *luridus*) 616
- flavicollis* Hopkins, (*Stephanoderes*), *Hypothenemus*
(= *eruditus*) 923
- flavicornis** (Blandford), (*Dryocoetes*),
Dryocoetiops 587
- flavicornis** (Chapuis), (*Loganius*), *Cnemomyx* 315
- flavicornis* Chevrolat, *Scolytus* (= *multistriatus*) 353
- flavicornis* Lindberg, *Hylastes* (= *linearis*) 56
- flavimaculatus** Murayama, *Pityophthorus* 999
- flavipennis* Krausse, *Tomicus* (= *minor*) 123
- flavipennis** Schedl, *Xyleborus* 740
- flavipes** (Fabricius), (*Bostrichus*), *Taurodemus* 785
- flavipes* Hopkins, *Hypothenemus* 923
- flavipes* Panzer, *Hylurgus* (= *ligniperda*) 121
- flavipubens** Schedl, *Strombophorus* 203
- flavopannus** Huang & Yin, *Hyorthynchus* 192
- flavopilosus* Schedl, *Cnesinus* (= *setulosus*) 211
- flavopilosus** Schedl, *Xyleborus* 740
- flavosquamosus* Hopkins, *Hypothenemus*
(= *eruditus*) 922
- flavus** (Fabricius), (*Hylesinus*), *Dryocoetoides* 657
- flavus** Hopkins, *Hypothenemus* 926
- flavus* Krausse, *Tomicus* (= *minor*) 123
- flavus* Stephens, (*Tomicus*), *Xyleborus*
(= *dryographus*) 732
- fletcheri* Hopkins, *Dendroctonus* (= *rufipennis*) 173
- fleutiauxi* Blandford, *Xyleborus* (= *subcostatus*) 776
- flexilis* Hopkins, *Conophthorus* (= *ponderosae*) 966
- flexicostatus* Schedl, (*Xyleborus*), *Coptodryas*
(= *elegans*) 824
- floccosus** Hagedorn, *Dactylipalpus* 102
- flohri** (Eggers), (*Hylurgops*), *Hylastes* 54
- flohri** (Schedl), (*Pterocyclon*), *Monarthrum* 1056
- flohri* Schedl, *Xyleborus* (= *horridus*) 743
- floridensis** Atkinson, *Hylocurus* 425
- floridensis* Blackman, (*Tachyderes*), *Cryptocarenum*
(= *seriatus*) 904
- floridensis* Hopkins, (*Ernoporides*), *Scolytogenes*
(= *knabi*) 863
- floridensis* Hopkins, (*Stephanoderes*), *Hypothenemus*
(= *seriatus*) 942
- floridensis* Hopkins, (*Xylocleptes*), *Dendrocranulus*
(= *carbonarius*) 550
- floridensis* Hopkins, (*Xyleborus*), *Xyleborinus*
(= *saxeseni*) 815
- floridensis* Schedl, *Coccotrypes* (= *distinctus*) 602
- foederatus** Schedl, *Xyleborus* 740
- foersteri** (Hagedorn), (*Xyleborus*), *Cyclorhipidion* 699
- foratus** Wood, *Cnesinus* 208
- foratus* Wood, *Pityophthorus* (= *comosus*) 988
- forcipatus** (Schedl), (*Xyleborus*), *Xyleborinus* 807
- forcicatus** (Schedl), (*Xyleborus*), *Coptoborus* 663
- forciculoides** (Schedl), (*Xyleborus*), *Xyleborinus* 807
- forciculoides* dentibaris Schedl, (*Xyleborus*),
Xyleborinus (= *forciculoides*) 807
- forciculoides* pinguis Schedl, (*Xyleborus*), *Xyleborinus*
(= *forciculoides*) 807
- forciculus** (Eggers), (*Xyleborus*), *Xyleborinus* 807
- formosae** Wood, *Xyleborus* 740
- formosanus** (Schedl), (*Orosiotes*), *Cyrtogenius* 565
- formosanus** (Schedl), (*Xylechinus*),
Phloeosinopsioides 239
- formosanus** Browne, *Ptilopodius* 899
- formosanus* Browne, *Xyleborus* (= *formosae*) 740
- formosanus* Eggers, *Scolytus* (= *frontalis*) 331

<i>formosanus</i> Eggers, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= mancus)	797	<i>frontalis</i> Schedl, <i>Lanurgus</i>	408
<i>formosanus</i> Nobuchi, <i>Dryocoetes</i>	582	<i>frontalis</i> Kurenzov, <i>Polygraphus</i> (= sachalinensis)	298
<i>formosanus</i> Schedl, <i>Cryphalus</i>	880	<i>frontalis</i> Wood, <i>Araptus</i>	956
<i>formosanus</i> Schedl, <i>Hypocryphalus</i>	869	<i>frontalis</i> Wood, <i>Cnesinus</i>	208
<i>formosus</i> Bright, <i>Pityophthorus</i>	999	<i>frontalis</i> Wood, <i>Carphoborus</i>	305
fornication Eggers, (<i>Xyleborus</i>), <i>Eucallacea</i> (= fornicatus)	690	<i>frontalis</i> Wood, <i>Pityoborus</i>	968
<i>fornicatus</i> (Eichhoff), (<i>Xyleborus</i>), <i>Eucallacea</i>	688	<i>frontalis</i> Wood, <i>Tricolus</i>	1043
<i>fortis</i> (Wood), (<i>Mimips</i>), <i>Acanthotomicus</i>	451	<i>frontalis</i> Zimmermann, <i>Dendroctonus</i>	143
<i>fortis</i> Blackman, <i>Pityophthorus</i> (= virilis)	1033	<i>frontis</i> Wood, <i>Araptus</i>	956
<i>fossifrons</i> (LeConte), (<i>Pityophthorus</i>), <i>Pityogenes</i>	451	<i>frontoglabratus</i> (Schedl), (<i>Hexacolus</i>), <i>Scolytodes</i>	392
<i>fossifrons</i> Wood, <i>Araptus</i>	956	<i>frugalis</i> Wood, <i>Araptus</i>	956
<i>fossifrons</i> Wood, <i>Dendroctonus</i>	950	<i>frustrata</i> Wood, <i>Phrixosoma</i>	189
<i>fouqueti</i> (Schedl), <i>Cyclorhipidion</i>	699	<i>fryi</i> Blandford, <i>Amphicranus</i>	1047
<i>foveatus</i> (Blackman), (<i>Cnesinus</i>), <i>Bothrosternus</i>	215	<i>fuchsi</i> Reitter, <i>Scolytus</i> (= scolytus)	376
<i>foveicollis</i> (Browne), (<i>Xyleborus</i>), <i>Amasa</i>	683	<i>fugax</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	861
<i>foveifrons</i> (Schedl), (<i>Thamnophtorus</i>), <i>Araptus</i>	956	<i>fugax</i> Schedl, <i>Cryphalus</i>	880
<i>foveolatus</i> Eggers, <i>Pityogenes</i>	451	<i>fujisanus</i> (Nobuchi), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	861
<i>fragilis</i> (Browne), (<i>Streptocranus</i>), <i>Coptoborus</i>	663	<i>fukiensis</i> Eggers, <i>Tomicus</i> (= brevipilosus)	123
<i>fragosus</i> Schedl, (<i>Xyleborus</i>), <i>Coptodryas</i> (= nugax)	826	<i>fukiensis</i> Eggers, <i>Xyleborus</i>	740
<i>frankei</i> Wichmann, <i>Scolytus</i> (= schevygrewi)	371	<i>fulgens</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	861
<i>franseriae</i> Wood, <i>Pityophthorus</i>	999	<i>fulgens</i> (Schedl), (<i>Pocilips</i>), <i>Coccotrypes</i>	603
<i>fraseri</i> Hopkins, <i>Cryphalus</i> (= ruficollis)	891	<i>fulgens</i> (Schedl), (<i>Xyleborus</i>), <i>Amasa</i>	683
<i>fraterculus</i> (Schaufuss), <i>Ambrosiodmus</i>	674	<i>fulgens</i> Schedl, <i>Monarthrum</i>	1056
<i>fraternus</i> Blandford, (<i>Xyleborus</i>), <i>Eucallacea</i> (= xanthopus)	696	<i>fulgens</i> Schedl, <i>Pityophthorus</i>	999
<i>fraxini</i> (Berger), (<i>Ernoporus</i>), <i>Procryphalus</i>	848	<i>fulgens</i> Swaine, <i>Phloeosinus</i>	247
<i>fraxini</i> (Eggers), (<i>Phloeophthorus</i>), <i>Phloeotribus</i>	221	<i>fulgens</i> Wood, <i>Cnesinus</i>	208
<i>fraxini</i> Panzer, (<i>Bostrichus</i>), <i>Hylesinus</i> (= varius)	86	<i>fulgidum</i> Wood, <i>Pycnarthrum</i>	384
<i>fraxini</i> Stark, <i>Scolytus</i> (= japonicus)	335	<i>fulgidus</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	861
<i>fraxinoides</i> Beeson, <i>Hylesinus</i> (= macmahoni)	81	<i>fulgidus</i> Blackman, <i>Hylastes</i>	54
<i>fraxinoides</i> Schedl, (<i>Lepersinus</i>), <i>Hylesinus</i> (= macmahoni)	81	<i>fulgidus</i> Wood, <i>Amphicranus</i>	1047
<i>freiburgi</i> Schedl, <i>Xylechinus</i>	115	<i>fulgidus</i> Wood, <i>Cnesinus</i>	208
<i>frenatus</i> (Schedl), (<i>Thamnophtorus</i>), <i>Araptus</i>	956	<i>fulgidus</i> Wood, <i>Dendrocraniulus</i>	551
<i>freyi</i> Schedl, (<i>Problochelus</i>), <i>Gymnochilus</i> (= zonatus)	387	<i>fuliginosus</i> (Eggers), (<i>Xyleborus</i>), <i>Arixyleborus</i>	666
<i>freyi</i> Schedl, <i>Phloeoborus</i>	99	<i>fuliginosus</i> Blandford, <i>Cryphalus</i>	880
<i>frigidus</i> (Schedl), (<i>Orosiotes</i>), <i>Cyrtogenius</i>	565	<i>fuliginosus</i> Blandford, <i>Xylechinus</i>	115
<i>frigidus</i> Blackburn, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= saxeseni)	814	<i>fulmineus</i> Wood, <i>Cryphalus</i>	880
<i>froggatti</i> Nunberg, <i>Hypocryphalus</i> (= perminimus)	871	<i>fulmineus</i> Wood, <i>Scolytodes</i>	392
<i>frondicolens</i> Wood, <i>Pseudothysanoes</i>	413	<i>fulvipennis</i> (Nobuchi), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	861
<i>frontale</i> Eggers, <i>Liparthrum</i> (= curtum)	276	<i>fulvipennis</i> Niisima, <i>Polygraphus</i>	286
<i>frontalis</i> (Fabricius), (<i>Bostrichus</i>), <i>Pagiocerus</i>	213	<i>fulvulus</i> Schedl, <i>Xyleborus</i>	740
<i>frontalis</i> (Olivier), (<i>Scolytus</i>), <i>Phloeotribus</i>	221	<i>fulvus</i> (Murayama), (<i>Xyleborus</i>), <i>Eucallacea</i>	690
<i>frontalis</i> (Schedl), (<i>Breviophthorus</i>), <i>Pityophthorus</i>	999	<i>fulvus</i> Browne, <i>Margadillius</i>	899
<i>frontalis</i> (Schedl), (<i>Gnathotrichus</i>), <i>Gnathotrupes</i>	1040	<i>fulvus</i> Niisima, <i>Cryphalus</i>	880
<i>frontalis</i> (Wood), (<i>Erioschidias</i>), <i>Cosmoderes</i>	901	<i>fulvus</i> Schedl, <i>Xyleborus</i> (= fulvulus)	740
<i>frontalis</i> Blandford, <i>Scolytus</i>	331	<i>fumatus</i> DeGeer, <i>Tomicus</i> (= piniperda)	128
<i>frontalis</i> Bruck, <i>Phloeosinus</i>	247	<i>funebri</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	674
<i>frontalis</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= brunneus)	911	<i>funebri</i> Wood, <i>Pseudothysanoes</i>	413
<i>frontalis</i> Schedl, (<i>Gnathocranus</i>), <i>Araptus</i> (= frontis)	956	<i>funereus</i> (Lea), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	674
		<i>funereus</i> Wood, <i>Pseudothysanoes</i>	414
		<i>funerium</i> Wood, <i>Pycnarthrum</i>	384
		<i>funestus</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	674
		<i>fungicola</i> Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= arecae)	907

- furcatus* Marsham, (*Ips*), *Pteleobius* (= *rittatus*) 72
- furnissi** Blackman, *Phloeosinus* 247
- furnissi* Blackman, *Pseudohylesinus* (= *nobilis*) 112
- furnissi** Bright, *Pityophthorus* 999
- furukawai** Murayama, *Cryphalus* 880
- furvatus** Wood, *Pseudothysanoes* 414
- furvescens** Wood, *Araptus* 957
- furvescens** Wood, *Cnemonyx* 315
- furvescens** Wood, *Pseudothysanoes* 414
- furvum** Wood, *Corthycyclon* 1067
- furvus** (Sampson), (*Dryocoetes*), *Coccotrypes* 603
- furvus** Wood, *Araptus* 957
- furvus** Wood, *Phloeotribus* 222
- furvus** Wood, *Pseudothysanoes* 414
- fuscatus* Eichhoff, *Xyleborus* (= *ferrugineus*) 737
- fuscescens* Stephens, (*Hylurgus*), *Hylastinus*
(= *obscurus*) 67
- fuscicollis** (Eichhoff), (*Stephanoderes*),
Hypothenemus 926
- fuscicollis** Hagedorn, *Ozopemon* 589
- fuscipennis** (Chapuis), (*Phloeotribus*), *Hylesinopsis* . 94
- fuscipennis* Krausse, *Tomicus* (= *minor*) 123
- fuscipilosus** (Eggers), (*Xyleborus*), *Amasa* 683
- fusciseriatus* Eggers, *Xyleborus* (= *spinulosus*) 775
- fuscobrunneus* Eichhoff, *Xyleborus* (= *affinis*) 708
- fuscovillosa** (Schedl), (*Bothryperus*), *Phrixosoma* . 189
- fuscum* Hagedorn, *Ctonoxylon* (= *camerunum*) 837
- fuscus* Blackman, (*Renocis*), *Chaetophloeus*
(= *heterodoxus*) 272
- fuscus** Blackman, *Pityophthorus* 999
- fuscus** Blandford, *Corthylus* 1074
- fuscus* Duftschmidt, (*Hylesinus*), *Hylurgops*
(= *palliatius*) 38
- fuscus* Eggers, (*Xyleborus*), *Hadrodemius* (= *globus*) . 819
- fuscus* Marsham, (*Ips*), *Taphrorychus* (= *bicolor*) . . 558
- fushimensis* Murayama, (*Hylurgops*), *Hylastes*
(= *plumbeus*) 60
- fuyugei** Schedl, *Xyleborus* 740
- gaimaensis** (Murayama), (*Xyloterus*),
Trypodendron 635
- galeatus** (Blandford), (*Xyleborus*), *Euwallacea* . . 690
- galeatus* (Eggers), (*Steganocranus*), *Amphicranus*
(= *eichhoffi*) 1047
- galeritus** Eichhoff, *Cnemonyx* 315
- galeritus** Wood, *Pityophthorus* 999
- gallicus* Eggers, *Kissophagus* (= *hederae*) 68
- galoanus** (Browne), (*Xyleborus*), *Euwallacea* 690
- gambetti* Blackman, *Pseudothysanoes* (= *sedulus*) . . 417
- ganshoensis** Murayama, *Xyleborus* 740
- garabbaensis** Nunberg, *Cryphalus* 881
- garciae* Schedl, (*Stephanoderes*), *Hypothenemus*
(= *stigosus*) 945
- garcinae** (Schedl), (*Bothryperus*), *Phrixosoma* . . 189
- gardneri** Schedl, *Tiarophorus* 539
- garrulus** Schedl, *Cnesinus* 208
- gaujonii** Fairmaire, *Phloeoborus* 99
- gaunersdorferi* Reitter, *Crypturgus* (= *pusillus*) . . . 628
- geayi** Hagedorn, *Xyleborus* 740
- gedeanus** (Eggers), (*Thananurgides*), *Coccotrypes* . 603
- gedeanus** (Schedl), (*Xyleboricus*), *Arixyleborus* . . 666
- gemellus** Blandford, *Glochinocerus* 1064
- geminatus** (Hagedorn), (*Xyleborus*), *Amasa* 683
- geminatus* Zetterstedt, (*Bostrichus*), *Ips*
(= *acuminatus*) 489
- geminus** Wood, *Phloeotribus* 222
- genealis** Wood, *Araptus* 957
- Genera Incertae Sedis 1052
- genialis* Wood, *Scolytodes* (= *gennaeus*) 392
- genialis** Wood, *Scolytodes* 392
- genistae** (Aube), (*Hypoborus*), *Liparthrum* 277
- gennaeus** Wood, *Scolytodes* 392
- gentilis** (Schedl), (*Xyleborus*), *Coptoborus* 663
- gentilis* Schedl, (*Pityophthorus*), *Gnatholeptus*
(= *shannoni*) 970
- geoffroi* Goeze, (*Dernestes*), *Scolytus* (= *scolytus*) . 374
- georgi* Knotek, *Liparthrum* (= *genistae*) 277
- georgiae* Hopkins, (*Stephanoderes*), *Hypothenemus*
(= *seriatus*) 941
- georgiae** Hopkins, *Trischidias* 947
- gergeri* Eggers, (*Hylastes*), *Hylurgops* (= *batnensis*) . 30
- germanus** (Blandford), (*Xyleborus*), *Xylosandrus* . 795
- germanus** Bright, *Pityophthorus* 1000
- germari* Eichhoff, (*Stephanoderes*), *Hypothenemus*
(= *eruditus*) 921
- germeauxi** Menier, *Colcobothis* 616
- geschwindi* Seitner, (*Phloeophthorus*), *Phloeotribus*
(= *cristatus*) 220
- gezei** Lepesme, *Xyleborus* 741
- ghanaensis** (Schedl), (*Cryphalomorphus*),
Scolytogenes 861
- ghanaensis** (Schedl), (*Hypocryphalus*),
Stephanopodius 853
- ghanaensis* Schedl, *Hypothenemus* (= *fuscicollis*) . . 926
- ghanaensis** Schedl, *Pityophthorus* 1000
- ghesquierei** Eggers, *Coccotrypes* 603
- gibber** (Schedl), (*Pterocyclon*), *Monarthrum* 1056
- gibber* Blackman, *Chramesus* (= *asperatus*) 263
- gibber** Schedl, *Xyleborus* 741
- gibbosus** Wood, *Cnesinus* 208
- gibbulus** Wood, *Cnesinus* 208
- gibbus** (Chapuis), (*Nemophilus*), *Cnesinus* 208
- gibbus* Fabricius, (*Hylesinus*), *Camptocerus*
(= *aeneipennis*) 318
- gifensis* Murayama, *Phloeosinus* (= *gifuensis*) 247
- gifuensis** Murayama, *Phloeosinus* 247
- giganteus** (Schedl), (*Micracis*), *Hylocurus* 425
- giganteus** Schedl, *Cryphalus* 881
- giganteus** Schedl, *Ozopemon* 589
- giganteus** Schedl, *Stephanopodius* 853
- gigas** Schedl, *Cryphalus* 881
- gillerforsi** Bright, *Phloeosinus* 247
- gilvipes* Blandford, (*Xyleborus*), *Ambrosiodmus*
(= *obliquus*) 677
- glabellus* Schedl, (*Stephanoderes*), *Hypothenemus*
(= *hampei*) 930

<i>glaber</i> (Eggers), (<i>Loganius</i>), <i>Cnemonyx</i>	316	<i>Glostatus</i> Schedl	835
<i>glaber</i> (Eichhoff), (<i>Hexacolus</i>), <i>Scolytodes</i>	392	<i>glutae</i> Wood, <i>Pityophthorus</i>	1001
<i>glaber</i> (Schedl), (<i>Eulepiops</i>), <i>Cyrtogenius</i>	565	<i>Glyptoderes</i> Eichhoff, <i>Tripyphlocus</i>	542
<i>glaber</i> (Schedl), (<i>Problechilus</i>), <i>Gymnochilus</i>	386	<i>gnarum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1056
<i>glaber</i> Eggers, (<i>Xyleborus</i>), <i>Amasa</i> (=schlich)	684	Gnatharus Wood & Yin	1050
<i>glaber</i> Eggers, <i>Scolytodes</i> (=glaberrimus)	393	<i>Gnathoborus</i> Schedl (=Araptus)	953
<i>glaber</i> Eggers, <i>Scolytoplatypus</i>	403	<i>Gnathocortus</i> Schedl (=Gnathotrupes)	1039
<i>glaber</i> Wood, (<i>Prionosecles</i>), <i>Scolytodes</i> (=glabrescens)	392	<i>Gnathocranus</i> Schedl (=Araptus)	953
<i>glaberrimus</i> Schedl, (<i>Xyleborus</i>), <i>Cnestus</i> (=aterrimus)	802	<i>Gnathoglochinus</i> Schedl (=Gnathotrupes)	1039
<i>glaberrimus</i> Wood, <i>Scolytodes</i>	392	Gnatholeptus Blackman	970
<i>glabinus</i> Bright, <i>Corthylus</i> (=mexicanus)	1075	<i>Gnathomimus</i> Schedl (=Gnathotrupes)	1039
<i>glabratellus</i> Schedl, <i>Hypothenemus</i> (=eruditus)	925	<i>Gnathophorus</i> Schedl (=Pityophthorus)	977
<i>glabratulus</i> (Schedl), (<i>Ctenyophthorus</i>), <i>Pityophthorus</i>	1000	<i>Gnathophthorus</i> Wood (=Pityophthorus)	977
<i>glabratulus</i> (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	926	<i>Gnathotrichina</i> Balachowsky, part (=Corthylina)	1034
<i>glabratulus</i> Browne, <i>Xyleborus</i>	741	<i>Gnathotrichoides</i> Blackman (=Gnathotrichus)	1034
<i>glabratus</i> (Ferrari), (<i>Corthylus</i>), <i>Microcorthylus</i>	1065	Gnathotrichus Eichhoff	1034
<i>glabratus</i> (Schedl), (<i>Hexacolus</i>), <i>Scolytodes</i>	393	<i>gnathotrichus</i> Schedl, <i>Taphramites</i>	1082
<i>glabratus</i> (Schedl), (<i>Loganius</i>), <i>Cnemonyx</i>	316	Gnathotrupes Schedl	1039
<i>glabratus</i> (Zetterstedt), (<i>Hylurgus</i>), <i>Hylurgops</i>	31	<i>Gnathotrypianus</i> Wood (=Gnathotrupes)	1039
<i>glabratus</i> Eichhoff, <i>Pityophthorus</i>	1000	<i>godmani</i> (Blandford), (<i>Xyleborus</i>), <i>Taurodemus</i>	785
<i>glabratus</i> Eichhoff, <i>Xyleborus</i>	741	<i>golbachii</i> Schedl, <i>Scolytus</i>	331
<i>glabratus</i> Schedl, <i>Hyleops</i>	237	<i>goliathoides</i> Murayama, (<i>Phloeosinus</i>), <i>Ficicis</i> (=despectus)	91
<i>glabratus</i> Schedl, <i>Hypocryphalus</i>	869	<i>goloanus</i> (Browne), (<i>Xyleborus</i>), <i>Euwallacea</i>	690
<i>glabratus</i> Schedl, <i>Hypothenemus</i> (=eruditus)	925	<i>golovjankoi</i> Pjatnitzky, <i>Orthotomicus</i>	469
<i>glabrellus</i> (Schedl), (<i>Hexacolus</i>), <i>Scolytodes</i>	393	<i>goniomma</i> Enderlein, <i>Aphanarthrum</i> (=mairei)	619
<i>glabrescens</i> Wood, <i>Scolytodes</i>	392	<i>gorggae</i> Schedl, <i>Xyleborus</i>	741
<i>glabricollis</i> Schedl, <i>Araptus</i> (=confinis)	954	<i>gorontalosus</i> (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	824
<i>glabriculum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1056	<i>gossypii</i> (Hopkins), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	926
<i>glabrifrons</i> (Blandford), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1056	<i>gracile</i> Eichhoff, (<i>Pterocyclon</i>), <i>Monarthrum</i> (=fasciatum)	1056
<i>glabripennis</i> (Hopkins), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	926	<i>gracilens</i> Wood, <i>Araptus</i>	957
<i>glabripennis</i> Schedl, (<i>Xyleborus</i>), <i>Cnestus</i> (=aterrimus)	802	<i>gracilens</i> Wood, <i>Cnemonyx</i>	316
<i>glabrum</i> Wollaston, <i>Aphanarthrum</i>	618	<i>gracilentum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1056
<i>glabrum nudum</i> Israelson, <i>Aphanarthrum</i> (=glabrum)	618	<i>gracilentus</i> (Schedl), (<i>Neodryocoetes</i>), <i>Araptus</i>	957
<i>glandis</i> Beeson, (<i>Thamnurgides</i>), <i>Coccotrypes</i> (=papaunus)	608	<i>gracilicornis</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	807
<i>glaucus</i> (Sampson), (<i>Xyleborus</i>), <i>Amasa</i>	683	<i>gracilicornum</i> Schedl, (<i>Pterocyclon</i>), <i>Monarthrum</i> (=exornatum)	1055
<i>globosus</i> (Eggers), (<i>Troglogitica</i>), <i>Acacis</i>	193	<i>gracilior</i> (Schedl), (<i>Apoglostatus</i>), <i>Glostatus</i>	835
<i>globosus</i> (Eichhoff), (<i>Hylesinus</i>), <i>Dendrosinus</i>	237	<i>gracilior</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1056
<i>globosus</i> Hagedorn, (<i>Hapalogenius</i>), <i>Hylesinopsis</i> (=fuscipennis)	94	<i>gracilior</i> Browne, <i>Cryptoxyleborus</i>	828
<i>globosus</i> Hagedorn, <i>Chramesus</i>	265	<i>gracilipennis</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	807
<i>globosus</i> Strohmeier, <i>Glochiphorus</i>	271	<i>gracilipennis</i> Schedl, <i>Tricholus</i>	1043
<i>globulus</i> Blandford, <i>Sphaerotrypes</i>	199	<i>gracilipes</i> (Eichhoff), (<i>Platydyctylus</i>), <i>Eccoptyterus</i>	820
<i>globulus</i> Stebbing, (<i>Chramesus</i>), <i>Sphaerotrypes</i> (=querci)	201	<i>gracilis</i> (Eichhoff), (<i>Xyleborus</i>), <i>Xyleborinus</i>	808
<i>globus</i> (Blandford), (<i>Xyleborus</i>), <i>Hadrodemius</i>	819	<i>gracilis</i> (Schedl), (<i>Corthylomimus</i> , <i>Cortheloderes</i>), <i>Corthylus</i>	1074
<i>Glochicopterus</i> Schedl (=Hylesinopsis)	92	<i>gracilis</i> (Schedl), (<i>Lepicerinus</i>), <i>Scolytogenes</i>	861
Glochinocerus Blandford	1064	<i>gracilis</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	481
Glochiphorus Strohmeier	271	<i>gracilis</i> (Schedl), (<i>Neodryocoetes</i>), <i>Araptus</i>	957
		<i>gracilis</i> (Schedl), (<i>Ozodendron</i>), <i>Cyrtogenius</i>	565
		<i>gracilis</i> (Schedl), (<i>Phacrylus</i>), <i>Acorthylus</i>	853
		<i>gracilis</i> Blackman, <i>Pseudopityophthorus</i> (=asperulus)	972
		<i>gracilis</i> Blandford, <i>Cnesinus</i>	208

- gracilis* Browne, *Cyrtogenius* (= ***gracillimus***) 565
- gracilis*** Browne, *Eidophelus* 867
- gracilis* Browne, *Webbia* 831
- gracilis* Eggers, (*Stephanoderes*), *Hypothencmus*
(= ***eruditus***) 924
- gracilis*** Eggers, *Amphicranus* 1047
- gracilis*** Eggers, *Tricolus* 1043
- gracilis* Eichhoff, *Pycnarthrum* (= ***hispidum***) 385
- gracilis*** LeConte, *Hylastes* 54
- gracilis*** Niisima, *Polygraphus* 286
- gracilis*** Schedl, *Lamurgus* 408
- gracilis*** Schedl, *Scolytodes* 393
- gracilis* Swaine, *Pityophthorus* (= ***murrayanae***) 1014
- gracilis*** Wood, *Chramesus* 265
- gracilis*** Wood, *Dendrocranus* 551
- gracillimus*** Wood, *Cyrtogenius* 565
- granatus*** Schedl, *Xyleborus* 741
- grande*** Schedl, *Rhopalopselion* 96
- grandiclava*** Thomson, *Polygraphus* 286
- grandiclavatus*** Eggers, *Microcorthylus* 1066
- grandicollis*** (Eichhoff), (*Tomicus*), *Ips* 506
- grandicollis* Swaine, *Hylurgops* (= ***incomptus***) 34
- grandidentatus* Schedl, *Scolytoplatypus*
(= ***eichelbaumi***) 402
- grandis*** (Beeson), (*Pelicerus*), *Cyrtogenius* 565
- grandis*** (Eggers), (*Poecilips*), *Coccotrypes* 604
- grandis*** (Erichson), (*Phloeotrupes*), *Phloeoborus* 99
- grandis*** (Schedl), (*Hexacolus*), *Scolytodes* 393
- grandis*** (Schedl), (*Neodryocoetes*), *Araptus* 957
- grandis*** (Schedl), (*Xyleboricus*), *Arixyleborus* 666
- grandis*** Blackman, *Pityophthorus* 1001
- grandis*** Browne, *Acanthotomicus* 481
- grandis* Chamberlin, *Cryphalus* (= ***ruficollis***) 892
- grandis*** Eichhoff, *Xyleborus* 741
- grandis* Kurenzov, *Scolytus* (= ***trispinosus***) 378
- grandis*** Nunberg, *Polygraphus* 287
- grandis* Schedl, (*Cryphalomorphus*), *Hypothenemus*
(= ***ingens***) 931
- grandis*** Schedl, *Cnesinus* 209
- grandis*** Schedl, *Cryphalomimus* 835
- grandis*** Schedl, *Hypothenemus* 926
- grandis*** Schedl, *Micracis* 432
- grandis* Schedl, *Scolytodes* (= ***eximius***) 392
- grandis*** Schedl, *Sphaerotrypes* 199
- grandis*** Schedl, *Trypophloeus* 844
- grandis* Swaine, *Pseudohylesinus* (= ***sericeus***) 112
- grangeri*** (Peyerimhoff), (*Lymantor*), *Trietennus* 541
- graniceps*** (Eichhoff), (*Dryocoetes*), *Coccotrypes* 604
- graniceps* Eichhoff, *Coccotrypes* (= ***graniceps***) 604
- granicolis*** (LeConte), (*Xyleborus*), *Dryocoetes* 582
- granicolis* Eichhoff, (*Phloeophthorus*), *Phloeotribus*
(= ***frontalis***) 222
- granifer*** (Eichhoff), (*Xyleborus*), *Arixyleborus* 666
- granifer borneensis* Schedl, *Arixyleborus*
(= ***granifer***) 666
- granifer*** Browne, *Diamerus* 195
- graniger* Eichhoff, (*Dendroctonus*), *Phloeosinus*
(= ***dentatus***) 246
- graniger*** Schedl, *Xyleborus* 741
- granistriatus*** (Schedl), (*Orosiotes*), *Cyrtogenius* 565
- granistriatus* Eggers, (*Xyleborus*), *Arixyleborus*
(= ***imitator***) 667
- graniticus*** Wood, *Pseudothysanoes* 414
- granosus*** (Schedl), (*Xyleborus*), *Eucwallacea* 690
- granosus* Chapuis, *Hylastes* (= ***porculus***) 61
- granosus*** Eichhoff, *Phloeoborus* 99
- granosus*** Schedl, *Phloeosinus* 247
- granularis* Schedl, *Xyleborus* (= ***rolulus***) 753
- granulatum*** Blandford, *Styphlosoma* 950
- granulatum*** Bright, *Monarthrum* 1056
- granulatum* Eggers, *Trypodendron* (= ***lineatum***) 643
- granulatus*** (Eggers), (*Pagiocerus*), *Chramesus* 265
- granulatus*** (Ferrari), (*Xylocleptes*),
Acanthotomicus 481
- granulatus*** (LeConte), (*Hylastes*),
Pseudohylesinus 110
- granulatus*** (Lepesme), (*Kissophagus*),
Hylesinopsis 94
- granulatus*** (Ratzeburg), (*Bostrichus*),
Trypophloeus 844
- ° ***granulatus*** (Schedl), (*Hylescrites*), *Hylurgops* 33
- granulatus*** (Wood), (*Cryphalomorphus*),
Scolytogenes 862
- granulatus*** Blackman, *Pseudopityophthorus* 973
- granulatus* Bruck, *Phloeosinus* (= ***frontalis***) 247
- granulatus*** Eggers, *Diamerus* 195
- granulatus* Eggers, *Hylastinus* (= ***obscurus***) 65
- granulatus* Eggers, *Hyorrhynchus* (= ***lewisi***) 192
- granulatus*** Eggers, *Phloeoborus* 99
- granulatus*** Eggers, *Polygraphus* 287
- granulatus* Niisima, *Polygraphus* (= ***japonicus***) 288
- granulatus* Schedl, (*Neodryocoetes*), *Araptus*
(= ***tenellus***) 962
- granulatus*** Schedl, *Corthylus* 1074
- granulatus*** Schedl, *Hypocryphalus* 869
- granulatus*** Schedl, *Ozopemon* 589
- granulatus* Swaine, *Pityophthorus* (= ***consimilis***) 991
- granulatus*** Wood, *Cactopinus* 435
- granulicauda*** (Eggers), (*Xyleborus*),
Dryocoetoides 657
- granulicauda*** Schedl, *Arixyleborus* 666
- granulicauda* Schedl, (*Poecilips*),
Coccotrypes (= sp.?) 591
- granulicauda* Schedl, *Pityophthorus* (= ***terebrans***) 1031
- granulicauda*** Schedl, *Polygraphus* 288
- granulicollis*** (Schedl), (*Neodiamerus*), *Acacis* 193
- granulicollis* Schedl, (*Dendriops*), *Cosmoderes*
(= ***monilicollis***) 901
- granulicollis*** Schedl, *Thannurgus* 543
- granulifer*** (Beeson), (*Pelicerus*), *Cyrtogenius* 565
- granulifer*** (Eggers), (*Xyleborus*), *Arixyleborus* 666
- granulifer*** Eggers, *Polygraphus* 288
- granulifer*** Eggers, *Strombophorus* 203

<i>granulifer</i> Motschulsky, (<i>Hylesinus</i>), <i>Ficicis</i> (= despectus)	90	<i>grouvellei</i> (Blandford), (<i>Ethadopselaphus</i>), <i>Dactylipalpus</i>	102
<i>granulifer</i> Reitter, <i>Scolytus</i> (= jaroschewskii)	336	<i>grouvellei</i> Blandford, <i>Amphicranus</i>	1047
<i>granulifer</i> Wood, <i>Cactopinus</i>	435	<i>guadeloupanus</i> Wood, <i>Araptus</i>	957
<i>granulifer</i> Wood, <i>Corthylus</i>	1074	<i>guadeloupensis</i> Eggers, <i>Cnesinus</i>	209
<i>granulifer</i> Wood, <i>Pseudopityophthorus</i>	973	<i>guadeloupensis</i> Nunberg, (<i>Pityophthorus</i>), <i>Araptus</i> (= eggersianus)	956
<i>granulifer</i> Wood, <i>Thysanocs</i>	420	<i>guadeloupensis</i> Schedl, (<i>Brachydendrus</i>), <i>Araptus</i> (= guadeloupanus)	957
<i>granulipennis</i> (Schedl), (<i>Neodryocoetes</i>), <i>Araptus</i>	957	<i>guadeloupensis</i> Schedl, (<i>Neodryocoetes</i>), <i>Araptus</i> (= laevigatus)	958
<i>granulipennis</i> Eggers, (<i>Xyleborus</i>), <i>Eucallacca</i> (= andamanensis)	686	<i>guadeloupensis</i> Schedl, <i>Hypothenemus</i> (= plumeriae)	939
<i>granulipennis</i> Schedl, <i>Chramesus</i>	266	<i>guanaguatensis</i> Duges, <i>Xyleborus</i> (= volvulus)	782
<i>granulipennis</i> Schedl, <i>Phloeosinus</i>	247	<i>guatemalensis</i> (Hopkins), (<i>Xylocleptes</i>), <i>Dendrocranulus</i>	551
<i>granulipennis</i> Schedl, <i>Pityophthorus</i> (= terebrans)	1031	<i>guatemalensis</i> (Wood), (<i>Leperisinus</i>), <i>Hylesinus</i>	80
<i>granulipennis</i> Schedl, <i>Pityophthorus</i>	1001	<i>guatemalensis</i> Blandford, <i>Pityophthorus</i>	1001
<i>granulipennis</i> Schedl, <i>Xylocleptes</i>	549	<i>guatemalensis</i> Hopkins, (<i>Ambrosiodmus</i>), <i>Ambrosiodmus</i> (= hagedorni)	674
<i>granulipes</i> Schedl, <i>Xyleborus</i>	741	<i>guatemalensis</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= crudiae)	915
<i>granulosus</i> (Schedl), (<i>Breviophthorus</i>), <i>Pityophthorus</i>	1001	<i>guatemalensis</i> Hopkins, <i>Dryocoetoides</i> (= capucinus)	657
<i>granulosus</i> Schedl, <i>Xyleborus</i> (= partitus)	755	<i>guayanensis</i> Eggers, <i>Corthylus</i> (= papulans)	1076
<i>granurus</i> Browne, <i>Xyleborus</i>	741	<i>guayanensis</i> Eggers, <i>Phloeoborus</i>	99
<i>graphus</i> Duftschmidt, <i>Hylastes</i> (= angustatus)	44	<i>guayanensis</i> Eggers, <i>Xyleborus</i> (= tumucensis)	779
<i>gratiosus</i> Schedl, <i>Xyleborus</i>	741	<i>guevinae</i> (Schedl), (<i>Bostrichips</i>), <i>Pseudothysanocs</i>	414
<i>gratus</i> Schedl, <i>Xyleborus</i>	741	<i>guianae</i> Blackman, (<i>Neodryocoetes</i>), <i>Araptus</i> (= hymenaeae)	958
<i>gravelyi</i> Wichmann, <i>Xyleborus</i>	741	<i>guiboutiae</i> (Schedl), (<i>Miocryphalus</i>), <i>Ernocladius</i>	857
<i>gravidus</i> (Blandford), (<i>Dryocoetes</i>), <i>Ozopemon</i>	589	<i>guildi</i> Blackman, <i>Ips</i> (= latidens)	511
<i>gravidus</i> (Blandford), (<i>Xyleborus</i>), <i>Xylosandrus</i>	796	<i>guillebeui</i> Reitter, (<i>Phloeophthorus</i>), <i>Phloeotribus</i> (= pubifrons)	228
<i>grayi</i> Schedl, <i>Cryphalus</i> (= tetricus)	897	<i>guineensis</i> (Eggers), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	699
<i>grenadensis</i> Hopkins, <i>Xyleborus</i> (= volvulus)	783	<i>guineensis</i> Hagedorn, (<i>Hyphaeni</i>), <i>Coccotrypes</i> (= sp.?)	591
<i>gretschkini</i> Sokanovskii, <i>Scolytus</i>	331	<i>gummensis</i> (Murayama), (<i>Pruniphagus</i>), <i>Xylechinus</i>	116
<i>Gretschkinia</i> Sokanovskii (= <i>Pseudothysanocs</i>)	411	<i>gundlachi</i> Eggers, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= lecontei)	675
<i>griseopubescens</i> Schedl, <i>Diamerus</i>	195	<i>gunneri</i> Schedl, <i>Pityophthorus</i>	1001
<i>griseum</i> Schedl, <i>Ctonoxylon</i>	837	<i>guttifer</i> (Schedl), (<i>Xyleboricus</i>), <i>Arixyleborus</i>	667
<i>griseus</i> Blackburn, (<i>Hypothenemus</i>), <i>Hypocryphalus</i> (= mangiferae)	870	<i>guyanaensis</i> (Schedl), <i>Scolytodes</i>	393
<i>griseus</i> Eggers, <i>Polygraphus</i> (= poligraphus)	295	Gymnochilus Eichhoff	386
<i>griseus</i> Marsham, (<i>Ips</i>), <i>Hylesinus</i> (= varius)	86	<i>haagi</i> Eichhoff, (<i>Dendroctonus</i>), <i>Phloeosinus</i> (= dentatus)	246
<i>griseus</i> Swaine, <i>Pseudohylesinus</i> (= nebulosus nebulosus)	110	<i>haberkorni</i> Eggers, <i>Xyleborus</i>	741
<i>grisseopuberulus</i> Schedl, <i>Coccotrypes</i> (= carpophagus)	597	<i>habilis</i> Wood, <i>Scolytodes</i>	393
<i>grobleri</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	862	<i>haddeni</i> Schedl, <i>Xyleborus</i>	742
<i>grobleri</i> Schedl, <i>Miocryphalus</i>	411	Hadrodemius Wood	818
<i>grossepunctatus</i> (Schedl), (<i>Pelicerus</i>), <i>Cyrtogenius</i>	565	<i>haemorrhoidalis</i> Marsham, (<i>Ips</i>), <i>Hylesinus</i> (= varius)	89
<i>grossepunctatus</i> Browne, (<i>Cryphalomorphus</i>), <i>Scolytogenes</i> (= puncticollis)	865	<i>haemorrhous</i> Schmidberger, <i>Scolytus</i> (= rugulosus)	369
<i>grossepunctatus</i> Eggers, <i>Ozopemon</i>	589	<i>haesitus</i> Schedl, <i>Xyleborus</i>	742
<i>grossepunctatus</i> Schedl, <i>Thamnurgus</i>	543	<i>hagedorni</i> (Iglesias), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	674
<i>grossmanni</i> Schedl, <i>Xyleborus</i>	741	<i>hagedorni</i> (Schedl), (<i>Prionosceles</i>), <i>Scolytodes</i>	393
<i>grossopunctatus</i> Schedl, (<i>Xyleborus</i>), <i>Coccotrypes</i> (= gedeanus)	603	<i>hagedorni</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1057
<i>grossopunctatus</i> Schedl, <i>Dendrocranulus</i> (= macilentus)	552		
<i>grossus</i> Chapuis, <i>Phloeoborus</i>	99		
<i>grothi</i> Hagedorn, (<i>Cryphalus</i>), <i>Trypophloeus</i> (= binodulus)	844		

<i>hagedornii</i> Eggers, (<i>Coccotrypes</i>), <i>Cryphalus</i> (= <i>walkeri</i>)	595	<i>herbertfranzi</i> (Schedl), (<i>Gnathotrichus</i>), <i>Gnathotrypes</i>	1040
<i>hagedorni</i> Eggers, <i>Sphaerotrypes</i>	199	<i>hercegovinensis</i> (Seitner), (<i>Phloeophthorus</i>), <i>Phloeotribus</i>	222
<i>hagedornii</i> Stebbing, <i>Xyleborus</i> (= <i>hagedornianus</i>)	742	<i>hercegovinensis</i> Eggers, <i>Phloeosinus</i> (= <i>bicolor</i>)	243
<i>hagedornianus</i> Schedl, <i>Xyleborus</i>	742	<i>hermosus</i> Wood, <i>Pityophthorus</i>	1002
<i>Hagedornus</i> Lucas (= <i>Pityophthorus</i>)	976	<i>hermosus</i> Wood, <i>Scolytus</i>	331
<i>halli</i> Schedl, <i>Xyleborus</i>	742	<i>herrarai</i> Hopkins, <i>Pityophthorus</i> (= <i>chalcoensis</i>)	955
<i>Halystus</i> Schedl	253	<i>hesperidum</i> Wollaston, <i>Aphanarthrum</i>	618
<i>hamamelidis</i> Blackman, <i>Pityophthorus</i> (= <i>latus</i>)	1006	<i>hesperius</i> Bright, <i>Pityophthorus</i> (= <i>concavus</i>)	959
<i>hamamelidis</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	922	<i>hesperius</i> Bright, <i>Pityotrichus</i>	970
<i>hamatum</i> Schedl, <i>Ctenoxylon</i>	535	<i>Heteroborips</i> Reitter (= <i>Xyleborus</i>)	704
<i>hamatus</i> Hagedorn, <i>Scolytotplatypus</i> (= <i>eutomoides</i>)	403	<i>heterodon</i> Wachtl, (<i>Tomicus</i>), <i>Pityokteinus</i> (= <i>spinidens</i>)	466
<i>hamatus</i> LeConte, (<i>Xyleborus</i>), <i>Pityogenes</i> (= <i>carinulatus</i>)	445	<i>heterodoxus</i> (Casey), (<i>Renocis</i>), <i>Chaetophloeus</i>	272
<i>hampei</i> (Ferrari), (<i>Cryphalus</i>), <i>Hypothenemus</i>	927	<i>heterolepis</i> Costa Lima, <i>Hypothenemus</i> (= <i>areccae</i>)	907
<i>Hapalogenius</i> Hagedorn (= <i>Rhopalopselion</i>)	96	<i>heveae</i> (Hagedorn), (<i>Stephanoderes</i>), <i>Cryptocarenum</i>	903
<i>Hapalophloeus</i> Schedl (= <i>Hylesinopsis</i>)	92	<i>heveae</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	808
<i>harnedi</i> (Blackman), (<i>Micracis</i>), <i>Hylocurus</i>	425	<i>heveti</i> (Stebbing), (<i>Dryocoetes</i>), <i>Taphrorychus</i>	559
<i>harongae</i> (Schedl), (<i>Ips</i>), <i>Acanthotomicus</i>	451	<i>Hexacolidae</i> Chapuis (= <i>Ctenophorini</i>)	353
<i>harringtoni</i> (Blackman), (<i>Tachyderes</i>), <i>Cryptocarenum</i>	903	<i>Hexacolides</i> Chapuis (= <i>Ctenophorini</i>)	353
<i>harringtoni</i> Blackman, <i>Phloeotribus</i>	222	<i>Hexacolinae</i> Chapuis (= <i>Ctenophorini</i>)	353
<i>harringtoni</i> Blackman, <i>Pseudochramesus</i>	262	<i>Hexacolini</i> Chapuis	353
<i>harunganae</i> (Schedl), (<i>Micracis</i>), <i>Pseudomicracis</i>	429	<i>Hexacolinus</i> Schedl (= <i>Scolytodes</i>)	358
<i>hashimotoi</i> Browne, <i>Xyleborus</i>	742	<i>Hexacolus</i> Eichhoff (= <i>Scolytodes</i>)	357
<i>hastatum</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	700	<i>heydeni</i> Eichhoff, (<i>Tomicus</i>), <i>Ips</i> (= <i>acuminatus</i>)	459
<i>hatanakai</i> Browne, <i>Xyleborus</i>	742	<i>hicatoriae</i> LeConte, <i>Chramesus</i>	266
<i>hatanakai</i> Browne, <i>Webbia</i>	831	<i>hidalgoensis</i> Blackman, <i>Pityophthorus</i> (= <i>nocturnus</i>)	1016
<i>hattori</i> Kono, <i>Cryphalus</i> (= <i>piceae</i>)	858	<i>hiika</i> Samuelson, <i>Xyleborus</i>	742
<i>hauseri</i> Reitter, <i>Ips</i>	509	<i>himalabetis</i> Beeson, <i>Hylastes</i> (= <i>brunneus</i>)	50
<i>hawaiiensis</i> Perkins, <i>Xyleborus</i>	742	<i>himalayensis</i> Beeson, (<i>Thamnurgides</i>), <i>Coccotrypes</i> (= <i>nubilus</i>)	605
<i>hawaiiensis</i> Schedl, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>seriatus</i>)	943	<i>himalayensis</i> Eggers, <i>Ambrosiodinus</i> (= <i>minor</i>)	676
<i>heathi</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	923	<i>himalayensis</i> Stebbing, <i>Hylastes</i> (= <i>Curculionidae</i>)	43
<i>hebes</i> Schedl, <i>Phloeotribus</i>	222	<i>himalayensis</i> Stebbing, (<i>Cryphalus</i>), <i>Pityophthorus</i> (= <i>deodara</i>)	995
<i>hectographus</i> Reitter, <i>Dryocoetes</i>	552	<i>himalayensis</i> Stebbing, <i>Polygraphus</i> (= <i>longifolia</i>)	259
<i>hederae</i> (Schmidt), (<i>Hylesinus</i>), <i>Kissophagus</i>	68	<i>himalayensis</i> Stebbing, <i>Scolytotplatypus</i> (= <i>raja</i>)	406
<i>helferi</i> Eggers, <i>Sphaerotrypes</i>	199	<i>himalayensis</i> Strohmeyer, <i>Dryocoetes</i>	553
<i>helferi</i> Villa, (<i>Hylurgus</i>), <i>Hylurgops</i> (= <i>palliatus</i>)	38	<i>hintzi</i> Schedl, <i>Pityophthorus</i>	1002
<i>heliura</i> Wood, <i>Pseudothysanoes</i>	414	<i>hirsutipennis</i> (Schedl), (<i>Xyleborus</i>), <i>Xylosandrus</i>	796
<i>helopioides</i> Schedl, <i>Cryphalus</i>	851	<i>hirsutulus</i> Schedl, <i>Arxyleborus</i>	667
<i>helveticus</i> Guillebeau, (<i>Phloeophthorus</i>), <i>Phloeotribus</i> (= <i>cristatus</i>)	220	<i>hirsutum</i> Hagedorn, <i>Ctenoxylon</i> (= <i>flavescens</i>)	837
<i>hemibitalei</i> Schedl, (<i>Xyleborus</i>), <i>Coptoborus</i> (= <i>usagarius</i>)	665	<i>hirsutus</i> (Nobuchi), (<i>Taenioglyptes</i>), <i>Cryphalus</i>	851
<i>Hemicrophalus</i> Schedl	866	<i>hirsutus</i> (Schedl), (<i>Dryocoetes</i>), <i>Dryocoetiops</i>	557
<i>Hemihylesinus</i> Schedl (= <i>Hylesinopsis</i>)	92	<i>hirsutus</i> (Schedl), (<i>Trypographus</i>), <i>Hylesinopsis</i>	94
<i>hendrickxi</i> Schedl, (<i>Streptocranus</i>), <i>Coptoborus</i> (= <i>usagarius</i>)	664	<i>hirsutus</i> (Wood), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	930
<i>henscheli</i> Knotek, <i>Hylesinus</i> (= <i>varius</i>)	89	<i>hirsutus</i> Blackman, <i>Scolytotplatypus</i>	403
<i>henscheli</i> Reitter, <i>Carphoborus</i> (= <i>bonnairei</i>)	303	<i>hirsutus</i> Bright, <i>Pseudopityophthorus</i> (= <i>tenuis</i>)	976
<i>henscheli</i> Seitner, <i>Pityophthorus</i>	1001	<i>hirsutus</i> Eichhoff, (<i>Tomicus</i>), <i>Ips</i> (= <i>concinus</i>)	500
<i>henschi</i> Reitter, <i>Phloeosinus</i>	247	<i>hirsutus</i> Lea, (<i>Xylopertha</i>), <i>Xyleborus</i> (= <i>perforans</i>)	761
<i>henshawi</i> Hopkins, (<i>Ericryphalus</i>), <i>Cryphalus</i> (= <i>sylvicola</i>)	896	<i>hirsutus</i> Schedl, <i>Alniphagus</i>	73
<i>herbellae</i> Strohmeyer, <i>Pityogenes</i> (= <i>bistridentatus</i>)	444	<i>hirsutus</i> Schedl, <i>Dendrosinus</i> (= <i>ater</i>)	236

<i>hirsutus</i> Schedl. <i>Glostatus</i>	855	<i>hopeae</i> Browne. <i>Xyleborus</i>	742
<i>hirsutus</i> Schedl. <i>Xylechinosomus</i>	105	<i>hopehi</i> Schedl. <i>Phloeosinus</i>	248
<i>hirsutus</i> Wood. <i>Bothrostermus</i>	215	<i>hopkinsi</i> Beeson. <i>Xyleborus</i> (= <i>ferrugineus</i>)	739
<i>hirsutus</i> Wood. <i>Scolytodes</i>	393	<i>hopkinsi</i> Blackman. <i>Pityophthorus</i> (= <i>digestus</i>)	995
<i>hirtellum</i> Schedl. <i>Ctonoxylon</i>	838	<i>hopkinsi</i> Blackman. <i>Pseudothysanoes</i>	414
<i>hirtellus</i> (LeConte). (<i>Micracis</i>). <i>Hylocurus</i>	425	<i>hopkinsi</i> Browne. <i>Hypothenemus</i> (= <i>multidentatus</i>)	936
<i>hirtellus</i> Eichhoff. <i>Taphrorychus</i>	559	<i>hopkinsi</i> Swaine. <i>Pityogenes</i>	452
<i>hirtellus</i> Schedl. <i>Cyrtogenius</i>	565	<i>Hoplites</i> Eggers (= <i>Cladoctonus</i>)	238
<i>hirtellus</i> Schedl. <i>Phloeotribus</i>	222	<i>Hoplitantus</i> Wood (= <i>Cladoctonus</i>)	238
<i>hirtellus</i> Schedl. (<i>Xyleborus</i>). <i>Theoborus</i> (= <i>theobromae</i>)	661	<i>Hoplitophthorus</i> Wood (= <i>Cladoctonus</i>)	238
<i>hirtellus</i> Wood. <i>Pityoborus</i>	968	<i>hoppingi</i> Lanier. <i>Ips</i>	509
<i>hirticeps</i> LeConte. <i>Pityophthorus</i> (= <i>pulchellus</i>)	1023	<i>hoppingi</i> Swaine. <i>Phloeosinus</i>	248
<i>hirtipennis</i> (Eggers). (<i>Xyleborus</i>). <i>Arixyleborus</i>	667	<i>hoppingi</i> Swaine. <i>Polygraphus</i>	288
<i>hirtipennis</i> Schedl. <i>Camptocerus</i> (= <i>suturalis</i>)	320	<i>hornus</i> (Schedl). (<i>Eidophelus</i>). <i>Cyrtogenius</i>	565
<i>hirtipennis</i> Schedl. <i>Hypothenemus</i>	930	<i>horridatus</i> Wood. <i>Xyleborus</i>	742
<i>hirtipes</i> Schedl. <i>Xyleborus</i>	742	<i>horridicus</i> Wood. <i>Xyleborus</i>	743
<i>hirtum</i> (Hagedorn). (<i>Xyleborus</i>). <i>Cyclorhipidion</i>	700	<i>horridulus</i> Browne. <i>Xyleborus</i>	743
<i>hirtuosus</i> Beeson. (<i>Xyleborus</i>). <i>Cyclorhipidion</i> (= <i>hirtum</i>)	700	<i>horridus</i> (Eggers). (<i>Hylesinus</i>). <i>Hylesinopsis</i>	94
<i>hirtus</i> (Eggers). (<i>Dryocoetes</i>). <i>Cyrtogenius</i>	565	<i>horridus</i> Eichhoff. <i>Cryphalus</i>	881
<i>hirtus</i> (Wood). (<i>Cryphalomorphus</i>). <i>Scolytogenes</i>	862	<i>horridus</i> Eichhoff. <i>Xyleborus</i>	743
<i>hirtus</i> Wood. <i>Phloeotribus</i>	222	<i>horridus</i> Graham. <i>Cryphalus</i> (= <i>theobromae</i>)	897
<i>hispaniolum</i> Bright. <i>Liparthrum</i>	277	<i>horyurensis</i> Murayama. <i>Polygraphus</i>	288
<i>hispaniolus</i> Bright. <i>Pityophthorus</i>	1002	<i>hostilis</i> (Blackman). (<i>Neodryocoetes</i>). <i>Araptus</i>	957
<i>hispidulus</i> Eggers. <i>Phloeotribus</i>	222	<i>hostilis</i> Wood. <i>Microcorthyus</i>	1066
<i>hispidulus</i> LeConte. (<i>Cryphalus</i>). <i>Hypothenemus</i> (= <i>crudiae</i>)	914	<i>hova</i> Schaufuss. <i>Scolytoplatypus</i>	403
<i>hispidulus</i> Thomson. <i>Crypturgus</i>	624	<i>hova</i> Schedl. <i>Xyleborus</i>	743
<i>hispidum</i> (Ferrari). (<i>Hypoborus</i>). <i>Pycnarthrum</i>	384	<i>howardi</i> Hopkins. <i>Xyleborus</i> (= <i>intrusus</i>)	745
<i>hispidus</i> (Eggers). (<i>Metahylesinus</i>). <i>Hylesinopsis</i>	94	<i>howdenae</i> Bright. <i>Xyleborus</i>	743
<i>hispidus</i> (Klug). (<i>Hylesinus</i>). <i>Diamerus</i>	196	<i>howdeni</i> Bright. <i>Chaetophloeus</i>	272
<i>hispidus</i> Eggers. (<i>Stephanoderes</i>). <i>Hypothenemus</i> (= <i>arecae</i>)	907	<i>huachucae</i> Blackman. <i>Pseudothysanoes</i>	414
<i>hispidus</i> Eggers. <i>Cnesinus</i>	209	<i>huachucae</i> Wood. <i>Monarthrum</i>	1057
<i>hispidus</i> Eggers. <i>Kissophagus</i> (= <i>hederae</i>)	68	<i>huangi</i> (Browne). (<i>Xyleborus</i>). <i>Coptodryas</i>	824
<i>hispidus</i> Eggers. <i>Pseudopityophthorus</i>	973	<i>huapiae</i> (Schedl). (<i>Phthorophloeus</i>). <i>Phloeotribus</i>	222
<i>hispidus</i> Eggers. <i>Strombophorus</i>	203	<i>hubbardi</i> Blackman. (<i>Neodryocoetes</i>). <i>Araptus</i> (= <i>politus</i>)	961
<i>hitaoea</i> Beeson. (<i>Stephanoderes</i>). <i>Hypothenemus</i> (= <i>crudiae</i>)	915	<i>hubbardi</i> Blackman. <i>Pityophthorus</i> (= <i>infulatus</i>)	1003
<i>hobohmi</i> (Schedl). (<i>Cryphalomorphus</i>). <i>Scolytogenes</i>	861	<i>hubbardi</i> Hopkins. <i>Coccotrypes</i> (= <i>carpophagus</i>)	596
<i>hoegei</i> (Blandford). (<i>Pterocyclon</i>). <i>Monarthrum</i>	1057	<i>hubbardi</i> Hopkins. <i>Xyleborus</i> (= <i>volvulus</i>)	783
<i>hoferi</i> Blackman. (<i>Leperisinus</i>). <i>Hylesinus</i> (= <i>californicus</i>)	76	<i>hubbardi</i> Schwarz. (<i>Bothrostermus</i>). <i>Pagiocerus</i> (= <i>frontalis</i>)	213
<i>hoferi</i> Blackman. <i>Phloeosinus</i>	248	<i>hubbardi</i> Schwarz. <i>Cactopinus</i>	435
<i>holdhausi</i> Wichmann. <i>Trypophloeus</i> (= <i>alni</i>)	842	<i>hudsonicus</i> LeConte. <i>Ips</i> (= <i>perturbatus</i>)	516
<i>Holonothogaster</i> Gemminger & Harold (= <i>Hyledius</i>)	259	<i>huchuetanus</i> Schedl. <i>Dendrocranus</i> (= <i>maurus</i>)	552
<i>holtzi</i> Eggers. (<i>Xyleborus</i>). <i>Ambrosiodmus</i> (= <i>aegir</i>)	670	<i>humilis</i> (Blanchard). (<i>Hylastes</i>). <i>Xylechinosomus</i>	105
<i>holtzi</i> Strohmeier. <i>Thammurgus</i> (= <i>delphinii</i>)	543	<i>humilis</i> Blackman. (<i>Neodryocoetes</i>). <i>Araptus</i> (= <i>hymenaeae</i>)	958
<i>Homarus</i> Broun (= <i>Chaetoptelius</i>)	103	<i>hunanensis</i> Browne. <i>Xyleborus</i>	743
<i>Homocoryphalus</i> Lindemann (= <i>Hypothenemus</i>)	904	<i>hunteri</i> Swaine. <i>Ips</i>	509
<i>hondurensis</i> Wood. <i>Micracisella</i>	430	<i>hyaspistis</i> Schedl. <i>Tiarophorus</i>	539
<i>hondurensis</i> Wood. <i>Pityoborus</i>	968	<i>hybridus</i> Blandford. <i>Amphicranus</i>	1047
<i>hondurensis</i> Wood. <i>Pseudopityophthorus</i>	973	<i>hybridus</i> Eggers. (<i>Xyleborus</i>). <i>Euwallacea</i> (= <i>xanthopus</i>)	696
<i>hoodi</i> Blackman. (<i>Neodryocoetes</i>). <i>Araptus</i> (= <i>hymenaeae</i>)	958	° <i>hydropicus</i> (Wickham). (<i>Apidocephalus</i>). <i>Hylesinus</i>	80
		<i>Hylastes</i> Erichson	43
		<i>Hylastes</i> LeConte (= <i>Hylastini</i>)	29

<i>Hylastides</i> LeConte (=Hylastini)	29	<i>Hypoborina</i> Nusslin (=Hypoborini)	271
<i>Hylastini</i> LeConte	29	<i>Hypoborinae</i> Nusslin (=Hypoborini)	271
<i>Hylastinides</i> LeConte (=Hylesinini)	64	<i>Hypoborini</i> Nusslin	271
<i>Hylastinoides</i> Spessivitzev (=Alniphagus)	73	<i>Hypoborus</i> Erichson	279
<i>Hylastinus</i> Bedel	64	<i>Hypocryphalus</i> Hopkins	868
<i>Hylastites</i> Hagedorn (=Hylurgops)	30	<i>Hypopityophthorus</i> Bright (=Pityophthorus)	977
<i>Hyledius</i> Sampson	259	<i>Hypothenemus</i> Westwood	904
<i>Hyleops</i> Schedl	237	<i>Hypothenoides</i> Hopkins (=Scolytogenes)	558
<i>Hylescierites</i> Schedl (=Hylurgops)	30	<i>hystricoides</i> Browne , <i>Xyleborus</i>	743
<i>Hylesinae</i> Erichson (=Hylesininae)	28	<i>hystrix</i> (Eggers) , (<i>Adiacretus</i>), <i>Hypothenemus</i>	931
<i>Hylesinen</i> Erichson (=Hylesininae)	28	<i>hystrix</i> (LeConte) , (<i>Hylesinus</i>), <i>Chaetophloeus</i>	273
<i>Hylesini</i> Erichson (=Hylesinae, <i>Hylesini</i>)	28, 64	<i>hystrix</i> (Schedl) , (<i>Xyleborus</i>), <i>Premnobius</i>	653
<i>Hylesinidae</i> Erichson (=Hylesininae)	28	<i>hystrix</i> Abeille de Perrin, <i>Cisurgus</i> (=wollastini)	631
<i>Hylesinides</i> Erichson (=Hylesininae)	28	<i>hystrix</i> Wood , <i>Phloeotribus</i>	222
<i>hylesiniformis</i> (Schedl) , (<i>Ptilopodius</i>), <i>Cryphophthorus</i>	274	<i>iconographus</i> Dejean, (<i>Bostrichus</i>), <i>Ips</i> (=acuminatus)	485
<i>Hylesimina</i> Erichson (=Hylesininae)	28	<i>idahoensis</i> Hopkins, <i>Procryphalus</i> (=mucronatus)	545
<i>Hylesininae</i> Erichson	28	<i>idoneus</i> Blackman, <i>Pityophthorus</i> (=digestus)	995
<i>Hylesimini</i> Erichson	28, 64	<i>ignobilis</i> Perkins , <i>Xyleborus</i>	743
<i>Hylesinites</i> Germar (=Hylurgops)	29	<i>ignotus</i> (Schedl) , (<i>Micracis</i>), <i>Pseudomicracis</i>	429
<i>hylesinopsis</i> (Schedl) , (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	862	<i>ignotus</i> Bright, <i>Tricolus</i> (=perdilgens)	1044
<i>Hylesinopsis</i> Eggers	92	<i>ignotus</i> Schedl , <i>Pityophthorus</i>	1002
<i>Hylesinosoma</i> Lea (=Aricerus)	217	<i>iheringi</i> Iglesias , <i>Xyleborus</i>	743
<i>Hylesinus</i> Erichson (=Hylesininae)	28	<i>ikelaensis</i> Nunberg , <i>Pityophthorus</i>	1002
<i>Hylesinus</i> Fabricius	74	<i>illepidus</i> Schedl, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (=obliquus)	678
<i>Hyloucri</i> Eichhoff (=Micracini)	408	<i>illustrius</i> (Schedl) , (<i>Xyleborus</i>), <i>Euwallacea</i>	690
<i>Hylouridae</i> Eichhoff (=Micracini)	408	<i>imbellis</i> Blandford , <i>Xyleborus</i>	743
<i>Hylourinae</i> Eichhoff (=Micracini)	408	<i>imbricornis</i> Eichhoff, <i>Phloeoborus</i> (=asper)	98
<i>hylouroides</i> Wood , <i>Pityophthorus</i>	1002	<i>imitans</i> (Eggers) , (<i>Phloeosinus</i>), <i>Hyledius</i>	260
<i>Hylourosoma</i> Eggers (=Scolytodes)	388	<i>imitans</i> (Eggers) , (<i>Prionosceles</i>), <i>Scolytodes</i>	393
<i>Hylocurus</i> Eichhoff	422	<i>imitans</i> (Eggers) , (<i>Trigonogenius</i>), <i>Pityophthorus</i>	1002
<i>Hylonius</i> Nunberg (=Xylocleptes)	547	<i>imitans</i> Eggers, (<i>Poecilips</i>), <i>Coccotrypes</i> (=ghesquierei)	603
<i>Hyloperus</i> Browne (=Cryptocurus)	72	<i>imitans</i> Eggers , <i>Dactylipalpus</i>	102
<i>Hylurdretonus</i> Schedl	186	<i>imitans</i> Eggers, (<i>Xyleborus</i>), <i>Euwallacea</i> (=piceus)	693
<i>Hylurgidae</i> LeConte (=Tomicini)	103	<i>imitans</i> Eggers, <i>Microborus</i> (=aberrans)	383
<i>Hylurgides</i> LeConte (=Tomicini)	103	<i>imitans</i> Eggers, <i>Sphaerotrypes</i> (=pila)	200
<i>Hylurgini</i> LeConte (=Tomicini)	103	<i>imitans</i> Eichhoff , <i>Eidophelus</i>	867
<i>Hylurgina</i> LeConte (=Tomicini)	103	<i>imitans</i> Schedl , <i>Hypocryphalus</i>	869
<i>hylurgoides</i> (Schedl) , (<i>Coptodryas</i>), <i>Cnemonyx</i>	316	<i>imitans</i> Wood , <i>Gnathotrichus</i>	1035
<i>hylurgoides</i> Schedl , <i>Chramesus</i>	266	<i>imitator</i> (Eggers) , (<i>Webbia</i>), <i>Arixyleborus</i>	667
<i>Hylurgonotus</i> Schedl	186	<i>imitator</i> (Reitter) , (<i>Hylastes</i>), <i>Hylurgops</i>	33
<i>Hylurgopina</i> Balachowsky (=Hylastini)	29	<i>imitator</i> Schedl, (<i>Xyleborus</i>), <i>Dryocoetoides</i> (=asperulus)	656
<i>Hylurgopinus</i> Swaine	106	<i>imitator</i> Sokanovskii, <i>Alniphagus</i> (=alni)	73
<i>Hylurgops</i> LeConte	29	<i>imitatrix</i> (Schedl) , (<i>Erioschidias</i>), <i>Cosmoderes</i>	901
<i>hylurgulus</i> (Eggers) , (<i>Phloeosinus</i>), <i>Hyledius</i>	260	<i>imitatrix</i> (Schedl) , (<i>Neodryocoetes</i>), <i>Araptus</i>	958
<i>Hylurgulus</i> Eggers (=Hyledius)	257	<i>immanis</i> Blackman , <i>Pityophthorus</i>	1002
<i>hylurgulus</i> Schedl , <i>Phloeotribus</i>	222	<i>immanis</i> Wood , <i>Scolytodes</i>	393
<i>Hylurgus</i> Latreille	119	<i>immaturus</i> (Schedl) , (<i>Hapalogenius</i>), <i>Rhopalopselion</i>	96
<i>hymenaeae</i> (Eggers) , (<i>Neodryocoetes</i>), <i>Araptus</i>	957	<i>immaturus</i> Blackburn, <i>Xyleborus</i> (=perforans)	761
<i>Hyorrhynchinae</i> Hopkins (=Hyorrhynchini)	191	<i>immaturus</i> Schedl , <i>Taphrorychus</i>	559
<i>Hyorrhynchini</i> Hopkins	191	<i>immersus</i> Schedl , <i>Xyleborus</i>	743
<i>Hyorrhynchus</i> Blandford	191	<i>imitatrix</i> Schedl , <i>Xyleborus</i>	743
<i>Hypaspistes</i> Hagedorn (=Tiarophorus)	539	<i>immitus</i> Bright, <i>Pityoborus</i> (=secundus)	969
<i>Hypertensus</i> Hagedorn (=Araptus)	952		
<i>Hyphaene</i> Hagedorn (=Coccotrypes)	591		

<i>immune</i> Eggers, <i>Rhopalopselion</i>	97	<i>incomptus</i> (Wood), (<i>Eidophelus</i>), <i>Hemicryphalus</i>	867
<i>immunis</i> Nunberg, <i>Xylocleptes</i> (= <i>brownei</i>)	549	<i>incomptus</i> Wood, <i>Chramesus</i>	266
<i>immunitis</i> (Browne), (<i>Mimips</i>), <i>Acanthotomicus</i>	451	<i>incomptus</i> Wood, <i>Hylocurus</i>	425
<i>impar</i> (Schedl), (<i>Hylesinus</i>), <i>Chaetoptelius</i>	103	<i>inconstans</i> Schedl, <i>Xyleborus</i>	744
<i>impar</i> Chapuis, <i>Diamerus</i>	196	<i>inconveniens</i> Schedl, <i>Xyleborus</i> (= <i>sparsipilosus</i>)	774
<i>impar</i> Eggers, <i>Xyleborus</i>	743	<i>incultus</i> (Wood), (<i>Xyleborus</i>), <i>Theoborus</i>	661
<i>impar</i> Schedl, <i>Cyrtogenius</i>	566	<i>incurtus</i> Eggers, (<i>Xyleborus</i>), <i>Leptoxyleborus</i> (= <i>concisus</i>)	659
<i>impar</i> Schedl, <i>Hylocurus</i>	425	<i>indefessus</i> Bright, <i>Pityophthorus</i>	1003
<i>impar nanus</i> Hagedorn, <i>Diamerus</i> (= <i>impar</i>)	196	<i>indicum</i> Wood, <i>Aphanarthrum</i>	618
<i>impensus</i> (Wood), (<i>Thamnophthorus</i>), <i>Araptus</i>	958	<i>indicus</i> Beeson, <i>Scolytogenes</i>	862
<i>imperfectus</i> Eggers, <i>Diamerus</i>	196	<i>indicus</i> Eggers, (<i>Thamnurgides</i>), <i>Coccotrypes</i> (= <i>cyperi</i>)	598
<i>imperialis</i> (Schedl), (<i>Pseudochramesus</i>), <i>Nylechinus</i>	116	<i>indicus</i> Eichhoff, <i>Cryphalus</i> (= <i>dorsalis</i>)	879
<i>imperialis</i> Eichhoff, <i>Hylesinus</i> (= <i>aculeatus</i>)	75	<i>indicus</i> Eichhoff (= <i>Xyleborus</i>), <i>Euwallacea</i> (= <i>piceus</i>)	692
<i>impexus</i> Bright, <i>Pityophthorus</i>	1002	<i>indicus</i> Schedl, <i>Xylocleptes</i>	549
<i>impexus</i> Schedl, <i>Xyleborus</i>	743	<i>indicus</i> Stebbing, <i>Cryphalus</i> (= <i>strohmeieri</i>)	895
<i>impolitus</i> Wood, <i>Chramesus</i>	266	<i>indicus</i> Stebbing, <i>Dryocoetes</i>	583
<i>imporcatus</i> Wood, <i>Chramesus</i>	266	<i>indicus</i> Wood, <i>Bothinodroctonus</i>	310
<i>impressifrons</i> Hopkins, (<i>Hypothenemus</i>), <i>Trischidius</i> (= <i>atomus</i>)	947	<i>indicus</i> Wood, <i>Hylurgus</i>	119
* <i>impressum</i> Scudder, <i>Trypodendron</i>	635	<i>indicus</i> Wood, <i>Pseudoxylechinus</i>	114
<i>impressus</i> (Schedl), (<i>Gnathoglochinus</i>), <i>Gnathotrupes</i>	1040	<i>indicus</i> Wood, <i>Scolytogenes</i>	862
<i>impressus</i> (Wood), (<i>Loganius</i>), <i>Cnemomyx</i>	316	<i>indicus subcoriaceus</i> Eggers, (<i>Xyleborus</i>), <i>Euwallacea</i> (= <i>piceus</i>)	693
<i>impressus</i> Eggers, <i>Coccotrypes</i>	604	<i>indigens</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	700
<i>impressus</i> Eichhoff, <i>Xyleborus</i> (= <i>ferrugineus</i>)	738	<i>indigens</i> Wood, <i>Hypothenemus</i>	931
<i>impressus</i> Rey, <i>Phloeosinus</i> (= <i>thujae</i>)	258	<i>indigens</i> Wood, <i>Pityophthorus</i>	1003
<i>impressus</i> Schedl, (<i>Gnathotrichus</i>), <i>Gnathotrupes</i> (= <i>bituberculatus</i>)	1039	<i>indigens</i> Wood, <i>Pityophthorus</i> (= <i>indigus</i>)	1003
<i>impressus</i> Wood, <i>Scolytodes</i>	393	<i>indigenus</i> Wollaston, (<i>Hylesinus</i>), <i>Chaetoptelius</i> (= <i>vestitus</i>)	104
<i>improbis</i> Sampson, <i>Xyleborus</i>	744	<i>indigus</i> Wood, <i>Pityophthorus</i>	1003
<i>improcerus</i> Sampson, <i>Xyleborus</i>	744	<i>indocorus</i> Schedl, (<i>Xyleborus</i>), <i>Euwallacea</i> (= <i>wallacei</i>)	695
<i>improvidus</i> Schedl, <i>Xyleborus</i>	744	<i>Indocryphalus</i> Eggers	648
<i>inaequalis</i> Schedl, <i>Xyleborus</i>	744	<i>indolatus</i> Wood, <i>Dryocoetoides</i>	658
<i>inaequalis</i> Wood, <i>Hylocurus</i>	425	<i>indonesianus</i> Browne, <i>Xyleborus</i>	744
<i>inaequidens</i> Schedl, <i>Pityophthorus</i>	1003	<i>industrius</i> Sampson, (<i>Xyleborus</i>), <i>Premnobius</i> (= <i>cavipennis</i>)	652
<i>inaequipunctatus</i> Butovitsch, <i>Scolytus</i> (= <i>pygmaeus</i>)	358	<i>ineditus</i> Bright, <i>Pityophthorus</i>	1003
<i>inaffectatus</i> (Schedl), (<i>Xyleborus</i>), <i>Dryocoetoides</i>	658	<i>inermis</i> (Schedl), (<i>Stephanorhopalus</i>), <i>Ernopus</i>	855
<i>inaffectus</i> Wood, <i>Tricolus</i>	1043	<i>inermis</i> Browne, <i>Cyrtogenius</i>	566
<i>inarmatum</i> Wollaston, <i>Liparthrum</i>	277	<i>inermis</i> Browne, <i>Hypothenemus</i>	931
<i>inarmatus</i> Eggers, <i>Xyleborus</i>	744	<i>inermis</i> Browne, <i>Sphaerotrypes</i>	199
<i>inceptis</i> Wood, <i>Pityophthorus</i> (= <i>exquisitus</i>)	998	<i>inermis</i> Eggers, <i>Diamerus</i>	196
<i>incertus</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	674	<i>inermis</i> Eichhoff, <i>Xyleborus</i> (= <i>xylographus</i>)	784
<i>incertus</i> Schedl, <i>Xyleborus</i> (= <i>rugosipennis</i>)	769	<i>inermis</i> Nunberg, <i>Phloeosinus</i> (= <i>henschi</i>)	248
<i>incertus</i> Wood, <i>Micracis</i>	432	<i>inermis</i> Wood, <i>Microcorthylus</i>	1066
<i>incisus</i> Schedl, <i>Tricolus</i>	1043	<i>infans</i> Eichhoff, <i>Pityophthorus</i> (= <i>puberulus</i>)	1022
<i>inclinans</i> (Schedl), (<i>Ips</i>), <i>Acanthotomicus</i>	481	<i>infans</i> Hagedorn, (<i>Xyleborus</i>), <i>Coccotrypes</i> (= <i>subscribrosus</i>)	612
<i>incognitus</i> (Schedl), (<i>Pocilips</i>), <i>Coccotrypes</i>	604	<i>inferior</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	675
<i>incognitus</i> (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	931	<i>infidelis</i> Wood, <i>Camptocerus</i>	319
<i>incognitus</i> Eggers, <i>Scolytus</i>	331	<i>infimus</i> Schedl, <i>Cryphalus</i>	881
<i>incommodus</i> (Blandford), (<i>Pityophthorus</i>), <i>Araptus</i>	958	<i>infimus</i> Schedl, <i>Pityophthorus</i>	1003
<i>incompositus</i> (Blandford), (<i>Pityophthorus</i>), <i>Araptus</i>	958	<i>infradentatum</i> Wood, <i>Monarthrum</i>	1057
<i>incomptus</i> (Blandford), (<i>Hylastes</i>), <i>Hylurgops</i>	33	<i>infucatus</i> Eichhoff, (<i>Tomicus</i>), <i>Ips</i> (= <i>duplicatus</i>)	503

infulatus Blackman, <i>Pityophthorus</i>	1003	insularis Eggers, <i>Cnesinus</i>	209
infuscatus Murayama, <i>Dryocoetes</i>	583	insularis Eggers, <i>Coccotrypes</i> (= cyperi)	599
ingae (Blackman), (<i>Prionosceles</i>), <i>Scolytodes</i>	393	insularis Eggers, (<i>Thamurgides</i>), <i>Coccotrypes</i> = nitidus)	607
ingae Wood, <i>Phloeotribus</i>	223	insularis Eggers, <i>Phloeotribus</i>	223
ingaeensis (Schedl), (<i>Metacorthylus</i>), <i>Corthylus</i>	1074	insularis Eggers, <i>Sphaerotrypes</i>	199
ingavorus Wood, <i>Scolytodes</i>	393	insularis Perkins, <i>Hypothenemus</i> (= eruditus)	921
ingens (Eichhoff), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1057	insularis Schedl, (<i>Scolytocleptes</i>), <i>Scolytomimus</i> (= pusillus)	839
ingens (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	931	insularis Schedl, (<i>Xylochilus</i>), <i>Dendroterus</i> (= sallaei)	952
ingens Blackman, <i>Pityophthorus</i>	1003	insularis Sharp, <i>Xyleborus</i> (= ferrugineus)	739
ingens Wood, <i>Chramesus</i>	266	insularum Beeson, (<i>Hylesinus</i>), <i>Ficicis</i> (= despectus)	91
inhabilis Bright, <i>Pityophthorus</i>	1003	insularum Krivolutskaya, <i>Hypothenemus</i> (= krivolutskayae)	933
inimicus Wood, <i>Micracis</i>	432	insulindicus Eggers, <i>Coccotrypes</i> (= myristicae)	606
iniquus Blackman, <i>Pityophthorus</i> (= boycei)	954	insulindicus Eggers, <i>Xyleborus</i>	744
innominatus (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	675	integer (Eichhoff), (<i>Tomicus</i>), <i>Ips</i>	509
inoblitus (Schedl), (<i>Loganius</i>), <i>Camptocerus</i>	319	integer Eichhoff, <i>Coccotrypes</i> (= carpophagus)	595
inoblitus (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	675	integer Schedl, <i>Xyleborus</i>	744
inopinatus (Schedl), (<i>Dryocoetes</i>), <i>Dryocoetiops</i>	587	intentus Bright, <i>Pityophthorus</i>	1004
inopinatus (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	675	interjectus (Blandford), (<i>Xyleborus</i>), <i>Eucwallacea</i>	690
inops Eichhoff, (<i>Cryphalus</i>), <i>Hypocryphalus</i> (= mangiferae)	870	interjectus Wood, <i>Araptus</i> (= foeifrons)	956
inops Wood, <i>Pityophthorus</i>	1003	intermedium Schedl, <i>Ctonoxylon</i>	838
inornatum Wood, <i>Pycnarthrum</i>	385	intermedium Schedl, <i>Monarthrum</i>	1057
inornatus Wood, <i>Thysanoes</i>	420	intermedium Schedl, <i>Rhopalopselion</i>	97
inornatus Wood, <i>Tricolus</i>	1043	intermedius (Eggers), (<i>Xyleborus</i>), <i>Coptodryas</i>	825
inouyei Nobuchi, <i>Hylurgops</i>	34	intermedius (Sampson), (<i>Xyloterus</i>), <i>Indocryphalus</i>	648
inquietus Blackman, <i>Pityophthorus</i> (= deletus)	994	intermedius Eggers, (<i>Poecilips</i>), <i>Coccotrypes</i> (= rotundicollis)	610
insculptus Wood, <i>Dryocoetoides</i>	658	intermedius Eggers, <i>Phloeoborus</i>	99
insidiosus (Schedl), (<i>Loganius</i>), <i>Cnemonyx</i>	316	intermedius Eggers, <i>Strombophorus</i>	203
insignatum Wood, <i>Monarthrum</i>	1057	intermedius Ferrari, <i>Cryphalus</i>	881
insignis Browne, <i>Hypothenemus</i>	931	intermedius Kurenzov, <i>Scolytus</i> (= aratus)	324
insignis Browne, <i>Xyleborus</i>	744	intermedius Schedl, <i>Cnesinus</i>	209
insignis Eichhoff, (<i>Xyleborus</i>), <i>Taurodemus</i> (= varians)	786	intermedius Schedl, <i>Dendrochilus</i>	438
insignis Wood, <i>Cnemonyx</i>	316	intermedius Schedl, <i>Hylocurus</i>	426
insignis Wood, <i>Corthylus</i>	1074	intermedius Schedl, <i>Tiarophorus</i>	539
insinuatus Wood, <i>Araptus</i> (= deyrollei)	955	intermedius Sokanovskii, <i>Scolytus</i> (= rugulosus)	370
insitivus Schedl, <i>Xyleborus</i>	744	intermedius Wood, <i>Carphoborus</i>	305
insolitum (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1057	interponens Schedl, <i>Hypocryphalus</i>	869
insolitus Bright, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= andrewesi)	805	interponens Schedl, <i>Xyleborus</i>	744
insuetus Bright, <i>Pityophthorus</i>	1004	interpositus Schedl, <i>Hylocurus</i>	426
insulare Blair, <i>Pycnarthrum</i>	385	interpunctatus (Eggers), (<i>Prionosceles</i>), <i>Scolytodes</i>	393
insularis (Blackman), (<i>Cryptocleptes</i>), <i>Pseudothythanoes</i>	414	interpunctatus Blandford, <i>Xyleborus</i>	744
insularis (Blackman), (<i>Renocis</i>), <i>Chaetophloeus</i>	273	interpunctatus Schedl, <i>Thamurgus</i>	543
insularis (Eggers), (<i>Ips</i>), <i>Acanthotomicus</i>	451	interpunctus Eichhoff, (<i>Tomicus</i>), <i>Ips</i> (= perturbatus)	516
insularis (Eggers), (<i>Problechilus</i>), <i>Gymnochilus</i>	386	interpunctus Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= interstitialis)	931
insularis (Nobuchi), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	862	interruptus (Eggers), <i>Cladoctonus</i>	239
insularis (Schedl), (<i>Hexacohus</i>), <i>Scolytodes</i>	393	interruptus Eggers, (<i>Xyleborus</i>), <i>Eucwallacea</i> (= xanthopus)	696
insularis Beeson, <i>Scolytomimus</i> (= pusillus)	840	interruptus Mannerheim, (<i>Bostrichus</i>), <i>Ips</i> (= tridens tridens)	527
insularis Eggers, (<i>Dryocoetes</i>), <i>Coccotrypes</i> (= cyperi)	599	interruptus Schedl, <i>Hylocurus</i>	426
insularis Eggers, (<i>Neodryocoetes</i>), <i>Araptus</i> (= hymenaeae)	957		
insularis Eggers, (<i>Neopityophthorus</i>), <i>Araptus</i> (= laevigatus)	958		

<i>interstetosus</i> (Blandford), (<i>Xyleborus</i>), <i>Xyleborinus</i>	808	<i>izuensis</i> (Murayama), (<i>Xyleborus</i>), <i>Coptodryas</i>	825
<i>interstetosus</i> Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>eruditus</i>)	924	<i>izucensis</i> Nobuchi, <i>Phloeosinus</i> (= <i>pulchellus</i>)	251
<i>interstitialis</i> (Chapuis), (<i>Hylastes</i>), <i>Hylurgops</i>	34	<i>jacobsoni</i> (Eggers), (<i>Dendrugus</i>), <i>Coccotrypes</i>	604
<i>interstitialis</i> (Hopkins), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	931	<i>jacobsoni</i> (Spessivtsev), (<i>Eccoptogaster</i>), <i>Scolytus</i>	334
<i>interstitialis</i> (Lea), (<i>Hylesinus</i>), <i>Diamerus</i>	196	<i>jaintianus</i> (Schedl), (<i>Xyleborus</i>), <i>Xylosandrus</i>	796
<i>interstitialis</i> Browne, <i>Strombophorus</i>	203	<i>jalapae</i> (Letzner), (<i>Bostrichus</i>), <i>Scolytogenes</i>	862
<i>interstitialis</i> Eichhoff, (<i>Tomicus</i>), <i>Ips</i> (= <i>calligraphus</i>)	496	<i>jalapae</i> Schedl, (<i>Pterocyclon</i>), <i>Monarthrum</i> (= <i>validum</i>)	1063
<i>interstitialis</i> Eichhoff, <i>Xyleborus</i> (= <i>volculus</i>)	782	<i>jaiscoensis</i> Wood, <i>Pseudochramesus</i>	262
<i>intextus</i> Beeson, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>andamanensis</i>)	686	<i>jamaicensis</i> Bright, <i>Xyleborus</i> (= <i>scaber</i>)	770
<i>intextus</i> Swaine, <i>Pityophthorus</i>	1004	<i>jambolanaensis</i> Schedl, <i>Xyleborus</i>	745
<i>intonus</i> Wood, <i>Pityoborus</i> (= <i>secundus</i>)	969	<i>jandiacus</i> Enderlein, <i>Coleobothrus</i> (= <i>alluaudi</i>)	615
<i>intricatus</i> (Ratzeburg), (<i>Eccoptogaster</i>), <i>Scolytus</i>	331	<i>japonicus</i> (Eggers), (<i>Poecilips</i>), <i>Coccotrypes</i>	604
<i>intricatus</i> (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	932	<i>japonicus</i> (Niisima), (<i>Cryphalus</i>), <i>Hypothenemus</i>	932
<i>intricatus</i> Schedl, (<i>Xyleborus</i>), <i>Coptoborus</i> (= <i>catulus</i>)	663	<i>japonicus</i> Chapuis, <i>Scolytus</i>	335
<i>intrusus</i> Blandford, <i>Xyleborus</i>	745	<i>japonicus</i> Eggers, <i>Crypturgus</i> (= <i>cinereus</i>)	621
<i>intrusus</i> Wood, <i>Tricolus</i>	1043	<i>japonicus</i> Niisima, <i>Ips</i> (= <i>typographus</i>)	538
<i>inurbanus</i> (Broun), (<i>Apate</i>), <i>Mesoscolytus</i>	818	<i>japonicus</i> Nobuchi, <i>Ernoporus</i>	855
<i>invalidus</i> Wood, <i>Microcorthyus</i>	1066	<i>japonicus</i> Nobuchi, <i>Pityogenes</i>	453
<i>inyoensis</i> Bright, <i>Pityophthorus</i> (= <i>absonus</i>)	979	<i>japonicus</i> Nobuchi, <i>Xyleborus</i>	746
<i>Ipidae</i> Bedel (= <i>Scolytidae</i>)	28	<i>japonicus</i> Nunberg, <i>Polygraphus</i>	288
<i>Ipidae</i> Bedel (= <i>Ipini</i>)	438	<i>jaroschewskii</i> Schevyrew, <i>Scolytus</i>	335
<i>Ipina</i> Bedel (= <i>Ipini</i>)	438	<i>jasminiae</i> Schedl, <i>Dendrochilus</i>	438
<i>Ipinae</i> Bedel (= <i>Ipini</i>)	438	<i>jasperi</i> Swaine, <i>Pityokteines</i> (= <i>minutus</i>)	463
<i>Ipini</i> Bedel	438	<i>javanus</i> (Eggers), (<i>Hylesinus</i>), <i>Ficicis</i>	91
<i>ipidia</i> Schedl, <i>Xyleborus</i>	745	<i>javanus</i> (Eggers), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	932
<i>Ips</i> DeGeer	484	<i>javanus</i> Chapuis, <i>Scolytus</i> (= <i>multistriatus</i>)	353
<i>ipsiformus</i> Wood, <i>Acanthotomicus</i>	481	<i>javanus</i> Eggers, (<i>Dryocoetes</i>), <i>Dryocoetips</i> (= <i>coffeae</i>)	587
<i>iranicus</i> Eggers, <i>Scolytus</i> (= <i>eichhoffi</i>)	329	<i>javanus</i> Eggers, <i>Scolytoplatypus</i>	403
<i>irazuensis</i> Wood, <i>Scolytodes</i>	393	<i>javanus</i> Eggers, <i>Xyleborus</i>	746
<i>iriani</i> Browne, <i>Arxyleborus</i>	667	<i>javanus</i> Schedl, <i>Cryphalus</i> (= <i>walkeri</i>)	898
<i>irkutensis</i> Eggers, <i>Pityogenes</i>	452	<i>javanus</i> Schedl, <i>Ptilopodius</i>	899
<i>irrasus</i> Blandford, <i>Xylechinus</i>	116	<i>jeannili</i> Lepesme, <i>Thamnurgus</i> (= <i>senecionis</i>)	545
<i>irregularis</i> Eggers, <i>Phloeoborus</i>	99	<i>jeffreysi</i> Blackman, <i>Pityophthorus</i>	1004
<i>irregularis</i> Eggers, <i>Pityophthorus</i>	1004	<i>jeffreysi</i> Hopkins, <i>Dendroctonus</i>	152
<i>irregularis</i> Eggers, <i>Xyleborus</i>	745	<i>jeholensis</i> Murayama, <i>Cryphalus</i>	882
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<i>laetus</i> Wood, <i>Pityophthorus</i>	1005	<i>latedeclivis</i> Schedl, (<i>Ips</i>), <i>Acanthotomicus</i> (= <i>sumatranus</i>)	484
<i>laetus</i> Wood, <i>Scolytus</i>	339	<i>laterale</i> (Eichhoff), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1057
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<i>laevicollis</i> Schedl, <i>Cnesinus</i> (= <i>dividuus</i>)	207	<i>laticeps</i> (Wood), (<i>Xyleborus</i>), <i>Xylosandrus</i>	796
<i>laevicarpus</i> Wood, <i>Scolytodes</i>	394	<i>laticeps</i> Bright, <i>Pityophthorus</i>	1006
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<i>laticollis</i> Blandford , <i>Hylesinus</i>	80	<i>lenis</i> Blackman, (<i>Nvodryocoetes</i>), <i>Araptus</i> (= <i>schedli</i>)	961
<i>laticollis</i> Browne , <i>Cryphalus</i>	883	<i>lenis</i> Wood , <i>Pityophthorus</i>	1007
<i>laticollis</i> Browne , <i>Hypocryphalus</i>	869	<i>lenis</i> Wood, <i>Taurodenuis</i> (= <i>sharpi</i>)	786
<i>laticollis</i> Eggers, <i>Polygraphus</i> (= <i>proximus</i>)	296	<i>lenkoranus</i> Eggers, <i>Scolytus</i> (= <i>intricatus</i>)	334
<i>laticollis</i> Swaine, <i>Ips</i> (= <i>pini</i>)	521	<i>lenkoranus</i> Reitter , <i>Taphrorychus</i>	559
<i>laticollis</i> Wollaston, <i>Aphanarthrum</i> (= <i>pygmaeum</i>)	619	<i>leonhardi</i> Eggers, <i>Dryocoetes</i> (= <i>alni</i>)	572
<i>laticollis</i> Wood , <i>Scolytopsis</i>	320	<i>leonii</i> Eggers, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= <i>sulcifrons</i>)	378
<i>latidens</i> (LeConte) , (<i>Tomicus</i>), <i>Ips</i>	510	<i>Lepersinus</i> Reitter (= <i>Hylesinus</i>)	74
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<i>laticor</i> Eggers, <i>Ficicis</i> (= <i>despectus</i>)	90	<i>Lepiceroides</i> Schedl (= <i>Hypothenemus</i>)	905
<i>laticor</i> Eggers, <i>Premnobius</i> (= <i>cavipennis</i>)	652	<i>Lepicerus</i> Eichhoff (= <i>Scolytogenes</i>)	858
<i>latipennis</i> Schedl , <i>Xyleborus</i>	747	<i>lepidus</i> (Wichmann) , (<i>Pityogenes</i>), <i>Acanthotomicus</i>	482
<i>latipilis</i> Schedl , <i>Camptocerus</i>	319	<i>lepidus</i> Bright , <i>Pityophthorus</i>	1007
<i>latisulcatus</i> (Eggers) , (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	675	<i>lepidus</i> Bright , <i>Xyleborus</i>	748
<i>lativentris</i> Schedl , <i>Xyleborus</i>	747	<i>lepidus</i> Wood , <i>Araptus</i>	958
<i>latum</i> (Schedl) , (<i>Cosmocorymus</i>), <i>Monarthrum</i>	1058	<i>lepidus</i> Wood , <i>Cryptocarenum</i>	903
<i>latus</i> Beeson, <i>Carphoborus</i> (= <i>latus</i> Wood)	305	<i>lepidus</i> Wood , <i>Micracis</i>	432
<i>latus</i> Eggers, <i>Cryphalus</i>	883	<i>lepidus</i> Wood , <i>Scolytodes</i>	394
<i>latus</i> Eggers, (<i>Phloeosinus</i>), <i>Hyledius</i> (= <i>nitidicollis</i>)	260	<i>lepineyi</i> Balachowsky , <i>Triotennus</i>	540
<i>latus</i> Eggers , <i>Ozopemon</i>	589	<i>Lepisonus</i> Kirby (= <i>Polygraphus</i>)	253
<i>latus</i> Eggers, <i>Polygraphus</i> (= <i>bicolor</i>)	285	<i>lepocrinus</i> Tsai & Li , <i>Cryphalus</i>	883
<i>latus</i> Eggers , <i>Strombophorus</i>	203	<i>leprieuri</i> (Perris) , (<i>Dryocoetes</i>), <i>Hypothenemus</i>	933
<i>latus</i> Eggers , <i>Xyleborus</i>	747	<i>leprosulus</i> (Browne) , (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	863
<i>latus</i> Eggers , <i>Xyloctonus</i>	840	<i>leprosulus</i> Browne , <i>Cryphalus</i>	883
<i>latus</i> Lepesme, <i>Thamnurgus</i> (= <i>lobeliae</i>)	544	<i>leprosulus</i> Schedl, (<i>Xyleborus</i>), <i>Coptodryas</i> (= <i>undulata</i>)	827
<i>latus</i> Wichmann, (<i>Phloeophthorus</i>), <i>Phloeotribus</i> (= <i>cristatus</i>)	220	<i>leprosulus</i> Schedl , <i>Arixyleborus</i>	667
<i>latus</i> Wood , <i>Carphoborus</i>	305	<i>leprosus</i> Browne , <i>Glostatus</i>	836
<i>laudatus</i> Wood , <i>Araptus</i>	958	<i>Leptoxyleborus</i> Wood	659
<i>laurivorus</i> Schedl , <i>Liparthrum</i>	277	<i>leptus</i> (Bright) , (<i>Neodryocoetes</i>), <i>Araptus</i>	958
<i>lautus</i> Eichhoff , <i>Pityophthorus</i>	1006	<i>lesnei</i> (Eggers) , (<i>Hapalogenius</i>), <i>Rhopalopselion</i>	97
<i>lautus</i> Wood , <i>Microborus</i>	383	<i>lesnei</i> Hagedorn , <i>Amphicranus</i>	1047
<i>leai</i> (Schedl) , (<i>Xylechinus</i>), <i>Phloeosinopsioides</i>	239	<i>Letznerella</i> Reitter (= <i>Scolytogenes</i>)	858
<i>lebronneci</i> Beeson, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>crudiae</i>)	915	<i>letzneri</i> Ferrari , <i>Corthylus</i>	1074
<i>lecontei</i> Blackman , <i>Pseudothysanoes</i>	414	<i>leverensis</i> Browne , <i>Xyleborus</i>	748
<i>lecontei</i> Blandford , <i>Cnesinus</i>	209	<i>leveri</i> Browne , <i>Coccotrypes</i>	605
<i>lecontei</i> Bright , <i>Pityophthorus</i>	1006	<i>levis</i> Blackman, (<i>Hexacolus</i>), <i>Scolytodes</i> (= <i>chapuisi</i>)	390
<i>lecontei</i> Chapuis, (<i>Rhopalopleurus</i>), <i>Chramesus</i> (= <i>hicoriae</i>)	266	<i>levis</i> Wood , <i>Phloeotribus</i>	223
<i>lecontei</i> Hopkins , <i>Ambrosiodmus</i>	675	<i>levis</i> Wood , <i>Pityophthorus</i>	1007
<i>lecontei</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>crudiae</i>)	915	<i>lewekianus</i> Eggers, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>lewisi</i>)	676
<i>lecontei</i> Schedl , <i>Phloeotribus</i>	223	<i>lewisi</i> (Blandford) , (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	675
<i>lecontei</i> Swaine, <i>Hylurgops</i> (= <i>porosus</i>)	39	<i>lewisi</i> Blandford , <i>Hyporhynchus</i>	192
<i>lecontei</i> Swaine , <i>Ips</i>	511	<i>lewisi</i> Chapuis , <i>Phloeosinus</i>	249
<i>lecontei</i> Swaine, <i>Pityogenes</i> (= <i>plagiatus</i>)	455	<i>lezjavai</i> Pjatnitsky, <i>Hypothenemus</i> (= <i>eruditus</i>)	924
<i>lectus</i> Wood , <i>Microborus</i>	384	<i>libani</i> Balachowsky, <i>Phloeosinus</i> (= <i>cedri</i>)	244
<i>lederi</i> Reitter, (<i>Cryphalus</i>), <i>Ernoporus</i> (= <i>tiliae</i>)	857	<i>liberiensis</i> (Hopkins) , (<i>Stephanoderes</i>), <i>Hypothenemus</i>	933
<i>leechi</i> Wood , <i>Pityophthorus</i>	1007	<i>liberiensis</i> Hopkins, <i>Coccotrypes</i> (= <i>carpophagus</i>)	596
<i>leechi</i> Wood , <i>Pseudothysanoes</i>	414	<i>libidus</i> Wood , <i>Scolytodes</i>	394
<i>lefevrei</i> (Browne) , (<i>Minips</i>), <i>Acanthotomicus</i>	481	<i>libra</i> (Eggers) , (<i>Xyleborus</i>), <i>Coptodryas</i>	825
<i>lefevrei</i> (Schedl) , (<i>Stephanoderes</i>), <i>Hypothenemus</i>	933		
<i>leiophyllae</i> Blackman , <i>Pityophthorus</i>	1007		

<i>librocedri</i> Swaine, <i>Xyleborinus</i> (= saxeseni)	815	<i>liquidambarae</i> Wood, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= seriatus)	943
lichtensteini (Ratzeburg), (<i>Bostrichus</i>), <i>Pityophthorus</i>	1007	<i>liquidambaris</i> Hopkins, <i>Dryocoetes</i> (= betulae)	579
lifuanus Fauvel, <i>Hylastes</i>	55	liquidambarus Blackman, <i>Pityophthorus</i>	1009
lignator Blackman, <i>Micracis</i>	432	liratus (Wood), (<i>Loganius</i>), <i>Cnemonyx</i>	316
lignicolus Wood, <i>Micracis</i>	433	<i>Lissoclastus</i> Schauffuss (= <i>Diamerus</i>)	194
ligniperda (Fabricius), (<i>Bostrichus</i>), <i>Hylurgus</i>	119	litoralis (Beeson), (<i>Thamnurgides</i>), <i>Coccotrypes</i>	605
lignivorus Browne, <i>Diamerus</i>	196	litos Bright, <i>Pityophthorus</i>	1009
lignographus Schedl, <i>Xyleborus</i>	748	<i>litseae</i> Browne, (<i>Diamerides</i>), <i>Phloeocranus</i> (= bruchoides)	236
<i>likiangensis</i> Tsai & Huang, <i>Hylurgops</i> (= longipilus)	35	littoralis Perkins, <i>Xyleborus</i>	748
<i>likiangensis</i> Tsai & Yin, <i>Polygraphus</i> (= rudis)	297	lobatum (Ferrari), (<i>Corthylus</i>), <i>Monarthrum</i>	1058
<i>lima</i> Eggers, <i>Dendrosinus</i> (= bourreriae)	237	lobatus Eggers, <i>Sternobothrus</i>	216
limatus (Schedl), (<i>Xyleborus</i>), <i>Eucallacea</i>	691	lobdelli Blackman, <i>Thysanoes</i>	420
limatus Wood, <i>Dendrocranus</i>	552	lobeliae Eggers, <i>Thamnurgus</i>	544
limatus Wood, <i>Microborus</i>	384	loebli (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	676
limatus Wood, <i>Pityophthorus</i> (= ornatus)	1018	loebli Schedl, (<i>Poecilips</i>), <i>Dryocoetiops</i> (= laevis)	588
limax (Schedl), (<i>Sphenoceros</i>), <i>Araptus</i>	959	<i>loevendali</i> Eggers, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= laevis)	340
limbatus (Blandford), (<i>Dryocoetes</i>), <i>Dendrocranus</i>	552	<i>Loganius</i> Chapuis (= <i>Cnemonyx</i>)	313
limbatus (Eggers), (<i>Hylocurosoma</i>), <i>Scolytodes</i>	394	<i>lomatiae</i> Schedl, (<i>Pteleobius</i>), <i>Xylechinus</i> (= spathifer)	118
limbatus Eggers, <i>Pseudopityophthorus</i>	973	lonchocarpeae (Schedl), (<i>Hapalogenius</i>), <i>Rhopalopselion</i>	97
limbatus Eggers, <i>Sphaerotrypes</i>	200	<i>longehirtus</i> Nunberg, (<i>Xyleborus</i>), <i>Eucallacea</i> (= xanthopus)	697
limbatus Fabricius, <i>Trypodendron</i> (= domesticum)	635	longicauda (Browne), (<i>Streptocranus</i>), <i>Coptoborus</i>	663
limbellus Wood, <i>Dendrocranus</i>	552	longicollis (Blandford), (<i>Loganius</i>), <i>Cnemonyx</i>	316
limbus Sampson, <i>Eccoptopterus</i>	820	longicollis (Eggers), (<i>Hexacolus</i>), <i>Scolytodes</i>	394
liminaris (Harris), (<i>Tomicus</i>), <i>Phloeotribus</i>	223	longicollis (Eggers), (<i>Thamnurgides</i>), <i>Coccotrypes</i>	605
limitaris Wood, <i>Dendrocranus</i>	552	longicollis (Gyllenhal), (<i>Bostrichus</i>), <i>Orthotomicus</i>	472
limulum Wood, <i>Monarthrum</i>	1058	longicollis (Schedl), (<i>Gnathotrichus</i>), <i>Gnathotripes</i>	1040
limus Wood, <i>Dendrocranus</i>	552	longicollis (Wollaston), (<i>Xyloterus</i>), <i>Dactylotrypes</i>	554
<i>linderæ</i> Hopkins, (<i>Ambrosiodmus</i>), <i>Ambrosiodmus</i> (= obliquus)	677	longicollis Browne, <i>Xyleborus</i>	748
linearicollis (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	808	longicollis Eggers, <i>Cnesinus</i>	209
linearis (Schedl), (<i>Thamnophthorus</i>), <i>Araptus</i>	959	longicollis Eggers, <i>Dryocoetes</i> (= autographus)	578
<i>linearis</i> Eggers, (<i>Poecilips</i>), <i>Coccotrypes</i> (= longior)	605	longicollis Peyerimhoff, <i>Triotemnus</i>	541
<i>linearis</i> Eggers, <i>Dendrocranus</i> (sp.?)	550	<i>longicollis</i> Schedl, (<i>Neodryocoetes</i>), <i>Araptus</i> (= araujae)	953
linearis Erichson, <i>Hylastes</i>	55	longicollis Swaine, <i>Hylastes</i>	56
<i>linearis</i> Schedl, <i>Xyleborus</i> (= dryographus)	732	<i>longideclivis</i> Wood, <i>Xyleborus</i> (= deplanatus)	724
<i>lineatifrons</i> Hopkins, <i>Hypothenemus</i> (= eruditus)	922	longidens Eggers, <i>Xyleborus</i>	748
lineatopunctatus (Eggers), (<i>Xyleborus</i>), <i>Cyrtogenius</i>	566	<i>longidens</i> Swaine, <i>Ips</i> (= latidens)	511
lineatum (Olivier), (<i>Bostrichus</i>), <i>Trypodendron</i>	636	longifolia (Stebbing), (<i>Cryphalus</i>), <i>Liparthrum</i>	278
lineatus (Eggers), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	934	longifolia (Stebbing), (<i>Tomicus</i>), <i>Ips</i>	511
lineatus Eggers, <i>Phloeotribus</i>	224	longifolia Stebbing, <i>Polygraphus</i>	289
lineatus Eggers, <i>Xyleborus</i>	748	<i>longifoliae</i> Stebbing, (<i>Hylastes</i>) (= <i>Curculionidae</i>)	43
* lineatus Foster, <i>Hylesinus</i>	81	longior (Eggers), (<i>Poecilips</i>), <i>Coccotrypes</i>	605
<i>lineatus</i> Kurenzov, <i>Scolytus</i> (= ratzeburgi)	364	longior Browne, <i>Cryphalus</i>	883
<i>lineellus</i> Endrodi, <i>Trypodendron</i> (= lineatum)	636	longipennis (Blanchard), (<i>Tomicus</i>), <i>Gnathotripes</i>	1040
<i>lineigera</i> Guillebeau, (<i>Phloeophthorus</i>), <i>Phloeotribus</i> (= pubifrons)	227	longipennis (Blandford), (<i>Hylastes</i>), <i>Hylurgops</i>	34
<i>lineigera</i> Guillebeau, <i>Phloeotribus</i> (= cristatus)	220	longipennis (Browne), (<i>Taenioglyptes</i>), <i>Cryphalus</i>	883
linnaeuorii Schedl, <i>Xylocleptes</i>	549		
Liparthrum Wollaston	274		
lipingensis Tsai & Li, <i>Cryphalus</i>	883		
lipperti Henschel, (<i>Tomicus</i>), <i>Pityogenes</i> (= calcaratus)	444		

longipennis (Eggers), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	863	luctuosus (Eggers), (<i>Xyleborus</i>), <i>Euwallacea</i>	691
longipennis (Eggers), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	934	luederwaldti Eggers, <i>Pagiocerus</i>	214
longipennis Browne, <i>Cyrtogenius</i>	566	lugubris (Eggers), (<i>Xyleborus</i>), <i>Euwallacea</i>	692
longipennis Eggers, <i>Scolytodes</i>	394	lukengeae Schedl, <i>Strombophorus</i>	203
longipennis Eggers, <i>Xyleborus</i>	748	lunulatus Eggers, <i>Phloeoborus</i>	99
° longipennis Wickham, <i>Xyleborites</i>	1082	luridus (Wollaston), (<i>Aphanarthrum</i>), <i>Coleobothrus</i>	616
longipennis Wood, <i>Hyllocurus</i>	426	luridus Blandford, <i>Corthylus</i>	1074
longipes Israelson, <i>Aphanarthrum</i> (= canariense)	617	<i>luridus annulicollis</i> Enderlein, <i>Colcobothis</i> (= luridus)	616
longipilis Browne, <i>Hypocryphalus</i>	869	<i>luridus flavicollis</i> Enderlein, <i>Colcobothis</i> (= luridus)	616
longipilis Schedl, <i>Hypothenemus</i>	934	lustratus Wood, <i>Corthylus</i>	1074
longipilis Schedl, <i>Polygraphus</i>	289	luteolus (Schedl), (<i>Plesiophthorus</i>), <i>Dendroterus</i>	951
longipilis Schedl, <i>Traglostus</i>	410	luteus (Blandford), (<i>Dryocoetes</i>), <i>Cyrtogenius</i>	566
longipilosus Schedl, <i>Scolytus</i> (= submarginatus)	377	luteus Hagedorn, <i>Diamerus</i>	196
longipilum Eggers, <i>Ctenoxylon</i>	838	luteus Schedl, <i>Xyleborus</i>	748
longipilus (Reitter), (<i>Hylastes</i>), <i>Hylurgops</i>	34	luzonicus (Schedl), (<i>Dryocoetes</i>), <i>Coccotrypes</i>	605
longipilus Eggers, <i>Phloeotribus</i>	224	<i>luzonicus</i> Eggers, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= morigerus)	799
longipilus Eggers, <i>Xyleborus</i>	748	<i>luzonicus</i> Eggers, <i>Scolytoplatypus</i> (= papuanus)	405
longipilus Schedl, <i>Cryphalus</i>	883	Lymanitor Lovendal	554
longipilus Schedl, <i>Pityophthorus</i>	1009	macellus Wood, <i>Amphicranus</i>	1047
longipilus Schedl, <i>Thamniurgus</i>	544	macer (Bright), (<i>Neodryocoetes</i>), <i>Araptus</i>	959
longisetosus (Nobuchi), (<i>Taenioglyptes</i>), <i>Cryphalus</i>	883	macer Blandford, <i>Xyleborus</i>	748
longispinis (Browne), (<i>Xyleborus</i>), <i>Coptoborus</i>	663	macer LeConte, <i>Hylastes</i>	56
longius (Eggers), (<i>Xyleborus longior</i>), <i>Cyclorhipidion</i>	700	<i>macgregori</i> Blackman, <i>Scolytoplatypus</i> (= papuanus)	405
longiusculus (Schedl), (<i>Gnathotrichus</i>), <i>Gnathotripes</i>	1041	machili Niisima, <i>Xyleborus</i>	749
longula Nunberg, <i>Micracis</i>	433	machili Wood, <i>Indocryphalus</i>	648
longulum Eichhoff, (<i>Pterocyclon</i>), <i>Monarthrum</i> (= mali)	1059	machilus (Schedl), (<i>Hylesinus</i>), <i>Phloeosinus</i>	249
longulus (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	808	machnovskii (Sokanovskii), (<i>Hypothenemus</i>), <i>Taphrorhynchus</i>	559
longulus Kolenati, <i>Hylurgus</i> (= ligniperda)	121	macilentus (Blandford), (<i>Dryocoetes</i>), <i>Dendrocranulus</i>	552
longulus Sokanovskii, <i>Pityophthorus</i> (= micrographus)	1012	maclayi (Bruck), (<i>Pseudocryphalus</i>), <i>Chaetophloeus</i>	273
longus (Eggers), (<i>Ernoporus</i>), <i>Ernoporicus</i>	851	macmahoni (Stebbing), (<i>Sphaerotrypes</i>), <i>Hylesinus</i>	81
longus (Eggers), (<i>Xyleborus</i>), <i>Xyleborinus</i>	808	macrocerus Eichhoff, <i>Corthylus</i>	1074
longus (Schedl), (<i>Anchonicerus</i>), <i>Monarthrum</i>	1058	macrocornis Wood, <i>Chramesus</i>	267
longus Eggers, <i>Premnobius</i>	653	<i>Macrocryphalus</i> Nobuchi (= <i>Hypothenemus</i>)	905
longus LeConte, <i>Hylastes</i> (= gracilis)	54	<i>macrographus</i> Eichhoff, <i>Pityophthorus</i> (= exsculptus)	998
longus Nunberg, <i>Micryphalus</i>	411	macrolobii (Eggers), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	934
lopehuensis Beeson, <i>Euwallacea</i> (= interjectus)	690	macropterus Schedl, <i>Xyleborus</i>	749
loranthus Schedl, <i>Margadillius</i>	899	maculatum (Schedl), (<i>Hapalogenius</i>), <i>Rhopalopselion</i>	97
loricatus (Schedl), (<i>Xyleborus</i>), <i>Euwallacea</i>	690	maculatus Beeson, <i>Scolytomimus</i>	839
loweanum Wollaston, <i>Liparthrum</i>	278	maculatus Browne, <i>Cnestus</i>	802
lowei Paiva, <i>Hylastes</i>	56	<i>maculatus</i> Browne, <i>Hypocryphalus</i> (= sandakanensis)	872
lowei Wollaston, <i>Liparthrum</i>	278	<i>maculatus</i> Nunberg, <i>Scolytoplatypus</i> (= fasciatus)	403
lubarskii Stark, <i>Hylesinus</i>	81	maculatus Schedl, <i>Xylechinus</i>	116
lubricus Schedl, <i>Xyleborus</i>	748	maculatus Schedl, <i>Xyloctonus</i>	840
lucaris Wood, <i>Cnesinus</i>	209	<i>maculicollis</i> Sharp, <i>Hypothenemus</i> (= birmanus)	910
lucasi Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= seriatus)	942		
lucidum Wood, <i>Pycnarthrum</i>	385		
lucidus Wood, <i>Bothrosternus</i>	215		
luctuosum (Blandford), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1058		

<i>maculicornis</i> (Blandford), (<i>Ceratolepis</i>), <i>Cnemidophorus</i>	316	<i>major</i> Stebbing, <i>Polygraphus</i>	289
<i>maculipennis</i> (Schedl), (<i>Hylesinus</i>), <i>Ficicis</i>	91	<i>major</i> Stebbing, <i>Scolytus</i>	340
<i>maculosus</i> Blackman, <i>Pseudohylesinus</i>	110	<i>major</i> Strohmeier, <i>Cyrtogenius</i>	566
<i>maculosus</i> Kirby, (<i>Ips</i>), <i>Pteleobius</i> (= <i>vittatus</i>)	70	<i>major</i> Strohmeier, <i>Ozopemon</i>	589
<i>madagascariensis</i> (Schedl), (<i>Euptilius</i>), <i>Cosmoderes</i>	901	<i>majus</i> (Eggers), (<i>Trypodendron</i>), <i>Indocryphalus</i>	648
<i>madagascariensis</i> (Schedl), (<i>Micracis</i>), <i>Pseudomicracis</i>	429	<i>majus</i> Wood, <i>Scolytodes</i>	394
<i>madagascariensis</i> Schaufuss, <i>Xyleborus</i>	749	<i>majusculus</i> Schedl, <i>Polygraphus</i>	290
<i>madagascariensis</i> Schedl, (<i>Ericryphalus</i>), <i>Hypothenemus</i> (= <i>donisi</i>)	917	<i>majusculus</i> Schedl, <i>Xyleborus</i>	749
<i>madagascariensis</i> Schedl, <i>Cyrtogenius</i>	566	<i>malaccensis</i> (Schedl), (<i>Dryocoetes</i>), <i>Dryocoetiops</i>	588
<i>madagascariensis</i> Schedl, <i>Hypothenemus</i>	934	<i>malaisei</i> Eggers, <i>Indocryphalus</i> (= <i>intermedius</i>)	648
<i>madagascariensis</i> Schedl, <i>Pityodendron</i>	970	<i>malayanus</i> Browne, <i>Acacis</i>	193
<i>madagascariensis</i> Schedl, <i>Pityophthorus</i>	1009	<i>malayensis</i> (Schedl), (<i>Dryocoetes</i>), <i>Cyrtogenius</i>	566
<i>madagascariensis</i> Schedl, <i>Ptilopodius</i>	900	<i>malayensis</i> (Schedl), (<i>Lepiceriodes</i>), <i>Hypothenemus</i>	934
<i>madagascariensis</i> Schedl, <i>Scolytotplatypus</i> (= <i>permirus</i>)	406	<i>malayensis</i> (Schedl), (<i>Xyleboricus</i>), <i>Arxyleborus</i>	667
<i>magna</i> Blackman, <i>Phrixosoma</i>	189	<i>malayensis</i> Browne, <i>Xyleborus</i>	749
<i>magnificus</i> Wood, <i>Xyleborus</i>	749	<i>malayensis</i> Schedl, <i>Bothrosteronoides</i>	194
<i>magnispinatus</i> Beaver, <i>Xyleborus</i>	749	<i>malayensis</i> Schedl, (<i>Phloeosinus</i>), <i>Hyledius</i> (= <i>cribratus</i>)	260
<i>magnus</i> (Eggers), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	934	<i>malayensis</i> Schedl, <i>Hypocryphalus</i>	869
<i>magnus</i> Beeson, <i>Coccotrypes</i>	605	<i>malgasicus</i> (Schedl), (<i>Poecilips</i>), <i>Coccotrypes</i>	605
<i>magnus</i> Browne, <i>Arxyleborus</i>	667	<i>malgasicus</i> Schedl, <i>Xyleborus</i>	749
<i>magnus</i> Browne, <i>Margadillius</i>	899	<i>malgassicus</i> Schedl, <i>Dohrigoceptes</i>	540
<i>magnus</i> Murayama, <i>Polygraphus</i> (= <i>proximus</i>)	296	<i>mali</i> (Bechstein), (<i>Bostrichus</i>), <i>Scolytus</i>	341
<i>magnus</i> Nüisima, <i>Xyleborus</i>	749	<i>mali</i> (Fitch), (<i>Tomicus</i>), <i>Monarthrum</i>	1058
<i>magnus</i> Sampson, <i>Cnestus</i>	802	<i>mali</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	922
<i>magnus</i> Tsai & Yin, <i>Sphaerotrypes</i>	200	<i>malleatus</i> Bright, <i>Pityophthorus</i>	1009
<i>magnus</i> Wood, <i>Pseudohylesinus</i>	110	<i>malloti</i> (Eggers), (<i>Xyleborus</i>), <i>Euwallacea</i>	692
<i>mahafali</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	676	<i>malloti</i> Schedl, <i>Cryphalus</i>	884
<i>maiche</i> (Stark), (<i>Anisandrus</i>), <i>Xyleborus</i>	749	<i>mallyi</i> (Hopkins), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	934
<i>maiche</i> Eggers, <i>Xyleborus</i> (= <i>maiche</i> Stark)	749	<i>malus</i> (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	934
<i>maillieri</i> Eggers, <i>Scolytus</i> (= <i>amygdali</i>)	323	<i>malus</i> Nüisima, <i>Cryphalus</i>	884
<i>mainensis</i> Blackman, <i>Cryphalus</i> (= <i>ruficollis</i>)	892	<i>mamibiae</i> Wood, (<i>Phloeographus</i>), <i>Halystus</i> (= <i>namibiae</i>)	283
<i>mairei</i> Peyerimhoff, <i>Aphanarthrum</i>	619	<i>mamibillae</i> (Browne), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	676
<i>mairei</i> Peyerimhoff, <i>Thamnurgus</i>	544	<i>mamillatus</i> Chapuis, <i>Phloeoborus</i>	99
<i>major</i> (Eggers), (<i>Bothryperus</i>), <i>Phrixosoma</i>	189	<i>mancus</i> (Blandford), (<i>Xyleborus</i>), <i>Xylosandrus</i>	796
<i>major</i> (Eggers), (<i>Hoplites</i>), <i>Cladoctonus</i>	239	<i>mancus</i> Wood, <i>Pseudothysanoes</i>	414
<i>major</i> (Eggers), (<i>Loganius</i>), <i>Camptocerus</i>	319	<i>mancus</i> formosanus Eggers, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>mancus</i>)	797
<i>major</i> (Eggers), (<i>Prionosceles</i>), <i>Scolytodes</i>	394	<i>mandibulare</i> Wollaston, <i>Liparthrum</i>	278
<i>major</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	482	<i>mandibularis</i> Blackman, <i>Gnatholeptus</i> (= <i>shannoni</i>)	970
<i>major</i> (Stebbing), (<i>Phloeosinus</i>), <i>Xyleborus</i>	749	<i>mandibularis</i> Bright, <i>Chaetophloeus</i>	273
<i>major</i> Browne, <i>Cryptoxyleborus</i>	828	<i>mandibularis</i> Schedl, <i>Pityophthorus</i>	1009
<i>major</i> Browne, <i>Hypothenemus</i>	934	<i>mandibularis</i> Schedl, <i>Thamnurgus</i>	545
<i>major</i> Eggers, (<i>Blastophagus</i>), <i>Tomicus</i> (= <i>piniperda</i>)	136	<i>mandibularis</i> Wood, <i>Pseudothysanoes</i>	415
<i>major</i> Eggers, (<i>Nigritus</i>), <i>Scolytogenes</i> (= <i>darwini</i>)	861	<i>mandli</i> Eggers, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= <i>japonicus</i>)	335
<i>major</i> Eggers, <i>Hylurgops</i>	35	<i>mandschuricus</i> Eggers, <i>Cryphalus</i>	884
<i>major</i> Eggers, <i>Scolytodes</i> (= <i>majus</i>)	394	<i>mandschuricus</i> Schedl, <i>Scolytus</i> (= <i>chikisanii</i>)	327
<i>major</i> Schedl, <i>Dendrocranulus</i>	552	<i>mandshuricus</i> Eggers, <i>Hylesinus</i>	81
<i>major</i> Schedl, <i>Pagiocerus</i>	214	<i>mangarevanus</i> Beeson, <i>Hypothenemus</i> (= <i>dipteroearpi</i>)	916
<i>major</i> Schedl, <i>Strombophorus</i>	203	<i>mangiferae</i> (Stebbing), (<i>Cryphalus</i>), <i>Hypocryphalus</i>	869
<i>major</i> Stebbing, <i>Cryphalus</i>	884		
<i>major</i> Stebbing, <i>Phloeotribus</i>	224		

- mangiferae** Browne, *Diamerus* 196
- mangiferae** Eggers, *Hypocryphalus*
(=**mangiferae** Stebbing) 870
- manghissiensis** Lezhava, *Scolytus* (= **rugulosus**) 370
- mangoense** (Schedl), (*Xyleborus*), *Cyclorhipidion* 700
- mangovoror** Schedl, *Hypothenemus* 934
- maniensis** Browne, *Xyleborus* 750
- manni** Blackman, *Phloeotribus* (= **pilula**) 227
- manni** Blackman, *Pseudochramesus* 262
- mannsfeldi** (Wachtl), (*Tomicus*), *Ips* 512
- marani** Pfeffer, *Carphoborus* 305
- marcidum** (Schedl), (*Pterocyclus*), *Monarthrum* 1059
- marcidus** (Schedl), (*Xyleborus*), *Xyleborinus* 808
- margadilaonis** Hopkins, *Margadillius* 899
- Margadillius** Hopkins 898
- marginatulus** Schedl, (*Xyleborus*), *Premnobius*
(=**marginatus**) 653
- marginatus** (Browne), (*Poecilips*), *Coccotrypes* 606
- marginatus** (Hagedorn), (*Xestips*), *Xylocleptes* 549
- marginatus** Chapuis, *Scolytus* 344
- marginatus** Duftschmidt, (*Hylesinus*), *Hylurgops*
(=**palliatius**) 38
- marginatus** Eggers, *Arxyleborus* (= **malayensis**) 667
- marginatus** Eggers, (*Xyleborus*), *Leptoxyleborus*
(=**concisus**) 659
- marginatus** Eggers, *Phloeotribus* 224
- marginatus** Eggers, *Premnobius* 653
- marginatus** Wood, *Chramesus* 267
- marginatus** Wood, *Scolytodes* 394
- marginicollis** Eggers, *Cnesinus* 209
- marginicollis** Schedl, *Xyleborus* 750
- maritimus** Lanier, *Ips* (= **plastographus**) 521
- maritimus** Reitter, *Hylurgus* (= **ligniperda**) 119
- maritimus** Stark, *Pityophthorus* (= **pityographus**) 1021
- markangensis** Tsai & Li, *Cryphalus* 884
- marmoratus** Blandford, *Xylechinus* 116
- marmoratus** Strohmeier, *Dactylipalpus*
(=**cicatricosus**) 101
- maroantsetrae** Schedl, *Pityophthorus* 1009
- maroccanus** (Guillebeau), (*Phloeophthorus*),
Phloeotribus 224
- maronicus** (Eggers), (*Xyleborus*), *Dryocoetoides* 658
- marovoayi** Schedl, *Hypothenemus* (= **seriatus**) 943
- marquesanus** Beeson, *Ptilopodius* 900
- marshalli** (Eggers), (*Stephanoderes*),
Hypothenemus 934
- marshami** Rye, (*Tomicus*), *Dryocoetes* (= **alni**) 572
- martiniquensis** Eggers, *Hypothenemus* (= **areccae**) 908
- marylandicae** Hopkins, (*Hypothenemus*), *Trischidias*
(=**atomus**) 947
- mascareniformis** Eggers, *Xyleborus* 750
- mascarensis** Eichhoff, *Xyleborus* (= **affinis**) 708
- mascarensis** Hagedorn, (*Xyleborus*), *Xylosandrus*
(=**crassiusculus**) 792
- masoni** Beeson, (*Thamnurgides*), *Coccotrypes*
(=**myristicae**) 607
- massonianus** Tsai & Li, *Cryphalus* 884
- matangi** Sampson, *Diamerus* 197
- materiarius** (Fitch), (*Tomicus*), *Gnathotrichus* 1035
- mateui** (Schedl), (*Stephanoderes*), *Hypothenemus* 934
- mauiensis** Perkins, *Xyleborus* 750
- mauiensis** Schedl, *Hypothenemus* (= **eruditus**) 925
- maulei** Roubal, *Crypturgus* (= **pusillus**) 629
- maura** Balachowsky, *Phlososinus* (= **cedri**) 244
- mauretanicus** Peyerimhoff, *Pityophthorus* 1009
- mauritanus** (Schedl), (*Cryphalomorphus*),
Scolytogenes 863
- mauritanus** Browne, (*Poecilips*), *Coccotrypes*
(=**nubilus**) 608
- mauritanus** Menier, *Xyloctonus* 840
- maurus** (Blandford), (*Dryocoetes*),
Dendrocranulus 552
- maurus** (Blandford), (*Prionosceles*), *Scolytodes* 394
- maurus** Eggers, *Cisurgus* 630
- maurus** Wood, *Phloeotribus* 224
- mayeti** (Guillebeau), (*Phloeophthorus*),
Phloeotribus 224
- mayeti** Guillebeau, *Phloeotribus* (= **cristatus**) 220
- mayumbensis** (Schedl), (*Dryocoetes*),
Cyrtogenius 566
- mayumbensis** Eggers, *Hypothenemus* (= **areccae**) 906
- meakanensis** Nisima, *Polygraphus* 290
- mecedanus** Reitter, *Taphrorychus* (= **hirtellus**) 559
- medialis** Wood, *Araptus* 959
- medialis** Wood, *Pityophthorus* 1009
- medialis** Wood, *Scolytodes* 394
- mediocris** (Schedl), (*Xyleborus*), *Xylosandrus* 797
- mediosectus** (Eggers), (*Xyleboricus*),
Arxyleborus 667
- mediterraneus** (Eggers), (*Dryocoetes*),
Tiarophorus 540
- mediterraneus** Eggers, (*Eccoptogaster*), *Scolytus*
(=**rugulosus**) 369
- mediterraneus** Eichhoff, *Crypturgus* 624
- medius** (Eggers), (*Mimips*), *Acanthotomicus* 482
- medius** (Eggers), (*Poecilips*), *Coccotrypes* 606
- medius** (Eggers), (*Prionosceles*), *Scolytodes* 395
- medius** (Eggers), (*Webbia*), *Arxyleborus* 668
- medius** Eggers, *Chortastus* 311
- medius** Eggers, *Scolytodes* (= **medialis**) 395
- medius** Wood, *Hyllocurus* 426
- megas** Bright, *Pityophthorus* 1009
- mekeoti** Schedl, *Cryphalus* (= **wapleri**) 898
- melaenus** Eichhoff, *Dryocoetes* 584
- melanarius** (Schedl), (*Cosmoderes*),
Hypothenemus 935
- melanarius** Schedl, (*Xyleborus*), *Ambrosiodmus*
(=**obliquus**) 678
- melancranis** Beeson, *Xyleborus* (= **lineatus**) 748
- melanocephalus** (Blandford), (*Hexacolus*),
Scolytodes 395
- melanocephalus** Fabricius, (*Bostrichus*), *Hylesinus*
(=**varius**) 86
- melanotus** Beeson, *Polygraphus* (= **aterrimus**) 285
- melanura** (Blandford), (*Pterocyclus*),
Amphicranus 1047

<i>melanurus</i> Reitter, <i>Ips</i> (=robustus)	522	<i>mexicanus</i> Eggers, (<i>Neodryocoetes</i>), <i>Araptus</i>	
<i>melanurus</i> Wood, <i>Pityophthorus</i>	1009	(=politus)	961
<i>melas</i> (Eggers), (<i>Xyleborus</i>), <i>Coptoborus</i>	663	<i>mexicanus</i> Eggers, (<i>Renocis</i>), <i>Chaetophloeus</i>	
<i>melasomus</i> (Lea), (<i>Cryphalus</i>), <i>Hypothenemus</i>	935	(=mexicanus Blackman)	273
<i>melli</i> Schedl, (<i>Xyleborus</i>), <i>Hadrodemius</i>		<i>mexicanus</i> Eggers, (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	
(=amorphus)	818	(=obliquus)	678
<i>melodori</i> (Hopkins), (<i>Stephanorhopalus</i>),		<i>mexicanus</i> Eggers, <i>Microcorthylus</i>	1066
<i>Eruoporus</i>	555	<i>mexicanus</i> Hopkins, <i>Dendroctonus</i>	153
<i>mendicus</i> (Wood), (<i>Cryptocleptus</i>),		<i>mexicanus</i> Lacordaire, <i>Phloeotribus</i> (=sp.?)	218
<i>Pseudothysanoes</i>	415	<i>mexicanus</i> Nunberg, <i>Cuesinus</i> (=blackmani)	206
<i>mendicus</i> Wood, <i>Araptus</i>	959	<i>mexicanus</i> Schedl, (<i>Breviophthorus</i>), <i>Araptus</i>	
<i>mendosus</i> Schedl, <i>Xyleborus</i> (=barumbuensis)	714	(=dentifrons)	955
<i>mendosus</i> Wood, <i>Pityophthorus</i>	1009	<i>mexicanus</i> Schedl, (<i>Ctenyophthorus</i>), <i>Araptus</i>	
<i>menoni</i> Brownie, <i>Scolytotinus</i> (=pusillus)	839	(=tenellus)	962
<i>merionale</i> Endrodi, <i>Trypodendron</i> (=lineatum)	636	<i>mexicanus</i> Schedl, <i>Chramesus</i> (=pumilus)	268
<i>meridensis</i> Wood, <i>Liparthrum</i>	278	<i>mexicanus</i> Schedl, <i>Corthylus</i>	1075
<i>meridensis</i> Wood, <i>Xyleborus</i> (=mutabilis)	754	<i>mexicanus</i> Schedl, <i>Micracis</i> (=swaini)	434
<i>meridianus</i> Blackman, <i>Micracis</i> (=suturalis)	433	<i>mexicanus</i> Wood, <i>Cactopinus</i>	436
<i>meridianus</i> Blackman, <i>Pityogenes</i>	454	<i>mexicanus</i> Wood, <i>Conophthorus</i>	964
<i>meridionale</i> Eggers, <i>Trypodendron</i> (=lineatum)	643	<i>mexicanus</i> Wood, <i>Dendrocraniulus</i>	552
<i>meridionalis</i> (Nobuchi), (<i>Taenioglyptes</i>),		<i>mexicanus</i> Wood, <i>Dendrosinus</i>	237
<i>Cryphalus</i>	884	<i>mexicanus</i> Wood, <i>Hylastes</i>	57
<i>Meringopalpus</i> Hagedorn (=Gymnochilus)	386	<i>mexicanus</i> Wood, <i>Microborus</i>	384
<i>merinjaki</i> Sampson, <i>Diamerus</i>	197	<i>mexicanus</i> Wood, <i>Pityogenes</i>	454
<i>meris</i> Wood, <i>Cuesinus</i>	209	<i>mexicanus</i> Wood, <i>Stegomeres</i>	852
<i>meritus</i> Wood, <i>Xyleborus</i>	750	<i>mexicanus</i> Wood, <i>Thysanoes</i>	420
<i>meruensis</i> Nunberg, <i>Xylocleptes</i> (=marginatus)	549	<i>mexicanus</i> Wood, <i>Xylechinus</i>	116
<i>mesembria</i> Bright, <i>Pityophthorus</i>	1009	<i>micaceus</i> Wood, <i>Araptus</i>	959
<i>mesoleiulus</i> Schedl, <i>Xyleborus</i>	750	<i>micaceus</i> Wood, <i>Hylocurus</i>	426
<i>mesoleius</i> Schedl, <i>Hypothenemus</i> (=eruditus)	925	<i>micacirrus</i> Wood, <i>Corthylus</i>	1075
<i>Mesoscolytus</i> Broun	818	<i>micans</i> (Eggers), (<i>Stephanoderes</i>), <i>Scolytogenes</i>	863
<i>mesuae</i> (Eggers), (<i>Xyleborus</i>), <i>Xylosandrus</i>	797	<i>micans</i> (Kugelann), (<i>Bostrichus</i>), <i>Dendroctonus</i>	154
<i>metacomans</i> (Eggers), (<i>Xyleborus</i>), <i>Hadrodemius</i>	819	<i>micans</i> Bright, <i>Pityophthorus</i>	1010
<i>Metacorthylus</i> Blandford	1064	<i>micans</i> Wood, <i>Amphicranus</i>	1048
<i>metacrucifer</i> Brownie, (<i>Xyleborus</i>), <i>Cyclorhipidion</i>		<i>micans</i> Wood, <i>Pseudopityophthorus</i> (=limbatus)	973
(=crucipenne)	699	<i>micarius</i> (Wood), (<i>Xyleborus</i>), <i>Theoborus</i>	661
<i>metacuneolus</i> Eggers, <i>Xyleborus</i>	750	<i>michoacanae</i> Wood, <i>Conophthorus</i>	964
<i>metagermanus</i> (Schedl), (<i>Xyleborus</i>), <i>Xylosandrus</i>	797	<i>micidus</i> Wood, <i>Scolytodes</i>	395
<i>Metahylastes</i> Eggers (=Cyrtozenius)	562	<i>micklitzii</i> Wachtl, <i>Hylurgus</i>	122
<i>Metahylesinus</i> Eggers (=Hylesinopsis)	92	<i>Micracidae</i> LeConte (=Micracini)	408
<i>metanepotulus</i> (Eggers), (<i>Xyleborus</i>), <i>Euwallacea</i>	692	<i>Micracidendron</i> Schedl (=Mimiocurus)	949
<i>methneri</i> Eggers, <i>Ctonoxylon</i>	838	<i>Micracides</i> LeConte (=Micracini)	408
<i>meuseli</i> Reitter, <i>Xyleborus</i>	750	<i>Micracinae</i> LeConte (=Micracini)	408
<i>mexicanum</i> Wood, <i>Liparthrum</i>	278	<i>Micracini</i> LeConte	408
<i>mexicanus</i> (Blackman), (<i>Renocis</i>), <i>Chaetophloeus</i>	273	<i>Micraciops</i> Schedl (=Lanurgus)	408
<i>mexicanus</i> (Hopkins), (<i>Tomicus</i>), <i>Ips</i>	512	<i>Micracis</i> LeConte	431
<i>mexicanus</i> (Schedl), (<i>Brachyspartus</i>),		<i>Micracisella</i> Blackman	429
<i>Corthylocurus</i>	1069	<i>Micracisoides</i> Blackman (=Hylocurus)	422
<i>mexicanus</i> (Wood), (<i>Leperisinus</i>), <i>Hylesinus</i>	81	<i>Microborus</i> Blandford	383
<i>mexicanus</i> Blackman, <i>Pityophthorus</i>	1010	<i>microcornis</i> Wood, <i>Cactopinus</i>	436
<i>mexicanus</i> Blackman, <i>Pseudohylesinus</i>		<i>microcornis</i> Wood, <i>Hylocurus</i>	426
(=variegatus)	114	<i>Microcorthylus</i> Ferrari	1065
<i>mexicanus</i> Blandford, <i>Dendroterus</i>	951	<i>micrographus</i> (Linnaeus), (<i>Dermestes</i>),	
<i>mexicanus</i> Bright, <i>Carphoborus</i>	305	<i>Pityophthorus</i>	1010
<i>mexicanus</i> Bright, <i>Sampsonius</i>	656	<i>micrographus</i> (Schedl), (<i>Cryptographus</i>),	
<i>mexicanus</i> Eggers, (<i>Amphicranus</i>), <i>Monarthrum</i>		<i>Webbia</i>	831
(=validum)	1063	<i>micrographus</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	809

- micrographus* Schedl. (*Breviophthorus*),
Pityophthorus (= **micrograptinus**) 1012
- micrographus curtulus* Sokanovskii, *Pityophthorus*
 (= **micrographus**) 1010
- micrographus longulus* Sokanovskii, *Pityophthorus*
 (= **micrographus**) 1010
- micrographus sibiricus* Stark, *Pityophthorus*
 (= **micrographus**) 1010
- micrograptinus** Wood, *Pityophthorus* 1012
- Microperus* Wood (= *Coptodryas*) 822
- micropilosus** Wood, *Araptus* 959
- microporosus** Wood, *Chramesus* 267
- mikado** Blandford, *Scolytotlatypus* 404
- mikaniae** Schedl, *Dendrochilus* 438
- mikuniyamensis** (Murayama), (*Pseudopoeecilips*),
Taphrorychus 560
- miles** (LeConte), (*Cryphalus*), *Hypothenemus* 935
- militaris** Eggers, *Polygraphus* 290
- milletiae** (Schedl), (*Dryocoetes*), *Cyrtogenius* 566
- milletiae** Schedl, *Strombophorus* 204
- mimetica** Wood, *Micracisella* 430
- mimicus** (Schedl), (*Minips*), *Acanthotomicus* 482
- mimicus* Schedl, (*Cryphalus*) (= **scabricollis**) 893
- mimicus* Schedl, (*Cryphalus*), *Hypocryphalus*
 (= **mangiferae**) 870
- Mimidendrulus* Schedl (= *Cyrtogenius*) 562
- Mimiocurus** Schedl 949
- Mimiophthorus* Schedl (= *Mimiocurus*) 949
- Mimips* Eggers (= *Acanthotomicus*) 478
- mimosae** (Schedl), (*Xyleborus*), *Xyleborinus* 809
- mimosae** Blackman, *Chramesus* 267
- minus* Schedl, *Xyleborus* (= **multispinatus**) 754
- minusopis** Wood, *Scolytominus* 839
- minax** Schedl, *Cnesinus* 209
- mindanaensis** Eggers, *Xyleborus* 750
- mindoraensis* Schedl, *Cyrtogenius* (= **brevior**) 563
- mindoroensis** Schedl, *Hypocryphalus* 870
- miniatus** Bright, *Pityophthorus* 1012
- minimus** (Fabricius), (*Hylesinus*), *Carphoborus* 305
- minimus** (Schedl), (*Poeecilips*), *Coccotrypes* 606
- minimus** Eggers, *Cryphalus* 884
- minimus** Hagedorn, *Chortastus* 311
- minimus** Hagedorn, *Scolytotlatypus* 404
- minimus** Schedl, *Microcorthyus* 1066
- minimus** Schedl, *Xyleborus* 750
- minimus** Schedl, *Xylechinus* 105
- minimus* Stebbing, (*Polygraphus*), *Crypturgus*
 (= **pusillus**) 629
- minimus** Wood, *Chaetophloeus* 273
- minimus** Wood, *Corthyus* 1075
- minitropis** Wood, *Cnesinus* 209
- minor** (Blackman), (*Cryptocleptes*),
Pseudothysanoes 415
- minor** (Blandford), (*Problechilus*), *Gymnochilus* 387
- minor** (Eggers), (*Adiaeretus*), *Hypothenemus* 935
- minor** (Eggers), (*Anchonocerus*), *Amphicranus* 1048
- minor** (Eggers), (*Negritus*), *Scolytogenes* 863
- minor** (Eggers), (*Pelicerus*), *Cyrtogenius* 566
- minor** (Eggers), (*Prionosceles*), *Scolytodes* 395
- minor** (Eggers), (*Xyleboricus*), *Arixyleborus* 668
- minor** (Hartig), (*Dendroctonus*), *Tomicus* 123
- minor** (Schedl), (*Landolphianus*), *Lanurgus* 408
- minor** (Stebbing), (*Phlocosinus*), *Ambrosiodmus* 676
- minor* Browne, *Webbia* (= **biformis**) 830
- minor* Eggers, (*Cryphalomorphus*), *Scolytogenes*
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- minor* Eggers, (*Dendrugus*), *Coccotrypes*
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- minor** Eggers, *Chramesus* 267
- minor** Eggers, *Craniodicticus* 437
- minor** Eggers, *Diamerus* 197
- minor* Eggers, *Dryocoetes* (= **villosus**) 587
- minor** Eggers, *Prennobiobius* 653
- minor** Eggers, *Strombophorus* 204
- minor** Eggers, *Taphrorychus* 560
- minor** Eggers, *Xylechinus* 116
- minor* Lindemann, *Polygraphus* (= **subopacus**) 301
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- minor** Schedl, *Hypocryphalus* 870
- minor** Schedl, *Margadillius* 899
- minor* Stebbing, *Polygraphus* (= **pini**) 291
- minor* Stebbing, *Scolytus* (= **major**) 340
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- minor* Wood, *Hylocurus* (= **elegans**) 424
- minor** Wood, *Pachycotes* 187
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- minutissimus** (Schedl), (*Dryocoetes*),
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- minutissimus** (Schedl), (*Poeecilips*), *Coccotrypes* 606
- minutissimus** (Zimmermann), (*Crypturgus*),
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- minutissimus* Eggers, (*Xyleborus*), *Coptodryas*
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<i>minutissimus</i> Schedl, (<i>Cryphalomorphus</i>), <i>Scolytogenes</i> (= knabi)	863	<i>mjoebergi</i> (Schedl), (<i>Poecilips</i>), <i>Coccotrypes</i>	606
<i>minutissimus</i> Schedl, (<i>Hexacolinus</i>), <i>Scolytodes</i> (= minutissimus)	395	<i>mkulumusius</i> (Eggers), (<i>Stephanoderes</i>), <i>Stephanopodius</i>	853
<i>minutissimus</i> Schedl, (<i>Hexacolus</i>), <i>Scolytodes</i> (= minutus)	395	<i>mkulumusius</i> Hagedorn, <i>Xyleborus</i> (= amanicus)	710
<i>minutissimus</i> Schedl, <i>Corthylus</i>	1075	modestus (Murayama), (<i>Cryphalus</i>), <i>Hypothenemus</i>	935
<i>minutissimus</i> Schedl, <i>Eidophelus</i>	567	<i>modestus</i> Murayama, <i>Hylurgops</i> (= spessitsevi)	41
<i>minutissimus</i> Schedl, <i>Hypothenemus</i> (= pubescens)	939	modicus Blackman, <i>Pityophthorus</i>	1012
<i>minutissimus</i> Schedl, <i>Lamurgus</i>	409	modicus Wood, <i>Dendroterus</i>	951
<i>minutissimus</i> Schedl, <i>Microcorthylus</i> (= minimus)	1066	modus Wood, <i>Dendrocramulus</i>	553
<i>minutissimus</i> Schedl, <i>Polygraphus</i>	290	moestus (Blandford), (<i>Dryocoetes</i>), <i>Taphrorychus</i>	560
<i>minutissimus</i> Schedl, <i>Ptilopodius</i>	900	moestus (Eggers), (<i>Xyleborus</i>), <i>Arxyleborus</i>	668
<i>minutissimus</i> Schedl, <i>Scolytodes</i>	395	<i>mohogani</i> Sampson, <i>Scolytodes</i> (= guyanaensis)	393
<i>minutissimus</i> Schedl, <i>Strombophorus</i>	204	molestulus (Wood), (<i>Xyleborus</i>), <i>Theoborus</i>	661
<i>minutissimus</i> Schedl, <i>Tricolus</i>	1044	molestus Wood, <i>Pityophthorus</i>	1013
<i>minutulus</i> Schedl, <i>Hypothenemus</i> (= eruditus)	925	<i>mollis</i> Blackman, <i>Pityophthorus</i> (= infulatus)	1003
minutus (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1059	mollis Schedl, <i>Cryphalus</i>	885
minutus (Swaine), (<i>Dryocoetes</i>), <i>Pityokteines</i>	463	molokaiensis Perkins, <i>Xyleborus</i>	751
<i>minutus</i> Blackman, <i>Hylastes</i> (= tenuis)	63	moluccanus Browne, <i>Xyleborus</i>	751
minutus Blandford, <i>Eidophelus</i>	867	<i>monacensis</i> Fuchs, <i>Pityogenes</i> (= irkutensis)	453
<i>minutus</i> Blandford, <i>Phloeosinus</i> (= lewisi)	249	<i>monacensis</i> bialowiezensis Karpinski, <i>Pityogenes</i> (= irkutensis)	453
minutus Blandford, <i>Xyleborus</i>	750	monachus (Blandford), (<i>Xyleborus</i>), <i>Dryocoetoides</i>	658
minutus Bright, <i>Corthylus</i>	1075	monadis Wood, <i>Micracisella</i>	430
minutus Browne, <i>Hypocryphalus</i>	871	Monarthrum Kirsch	1050
minutus Browne, <i>Sphaerotrypes</i>	200	<i>Monebius</i> Hopkins (= <i>Pycnarthrum</i>)	384
<i>minutus</i> Butovitsch, <i>Scolytus</i> (= pygmaeus)	358	mongolica (Sokanovskii), (<i>Gretschkinia</i>), <i>Pseudothythysanoes</i>	415
<i>minutus</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= seriatus)	942	monilicollis Eichhoff, <i>Cosmoderes</i>	901
minutus Hopkins, <i>Margadillius</i>	899	monoceros (Beeson), (<i>Thammurgides</i>), <i>Coccotrypes</i>	606
<i>minutus</i> Panzer, (<i>Bostrichus</i>), <i>Hylesinus</i> (= varius)	86	monodi Paulian & Villiers, <i>Aphanarthrum</i>	619
<i>minutus</i> Schedl, (<i>Cryphalus</i>), <i>Hypothenemus</i> (= eruditus)	925	monographus (Fabricius), (<i>Bostrichus</i>), <i>Xyleborus</i>	751
minutus Schedl, <i>Coccotrypes</i>	606	<i>monophyllae</i> Blackman, <i>Pityophthorus</i> (= deletus)	994
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<i>minutus</i> Swaine, <i>Phloeosinus</i> (= swainei)	256	<i>montana</i> Kurenzov, <i>Scolytus</i> (= jacobsoni)	334
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Miocryphalus Schedl	410	montanus (Bright), (<i>Neodryocoetes</i>), <i>Araptus</i>	959
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<i>mitosomus</i> Schedl, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= spinus)	817	montanus Schedl, <i>Polygraphus</i>	290
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<i>muticus</i> Blandford, <i>Xyleborus</i>	754	<i>nanus</i> Schedl. <i>Polygraphus</i>	290
<i>muticus</i> Hagedorn, <i>Scolytotplatypus</i> (= <i>daimio</i>)	402	<i>nanus</i> Schedl. <i>Scolytotplatypus</i>	404
<i>muticus</i> Say, <i>Scolytus</i>	354	<i>nanus</i> Wood, <i>Corthylus</i>	1075
<i>mutilatus</i> (Blandford), (<i>Xyleborus</i>), <i>Xylosandrus</i>	799	<i>nanus</i> Wood, <i>Phloeotribus</i>	225
<i>mutilus</i> (Wood), (<i>Paracorthylus</i>), <i>Metacorthylus</i>	1064	<i>nanus</i> Wood, <i>Pityophthorus</i>	1014
<i>myelitis</i> Wood, <i>Cnesinus</i>	209	<i>nardus</i> (Schedl), (<i>Hexacolus</i>), <i>Scolytodes</i>	395
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<i>Myelophilus</i> Eichhoff (= <i>Tomicus</i>)	122	<i>natalensis</i> (Schaufuss), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	676
<i>myllus</i> Browne, <i>Xyleborus</i>	754	<i>natalensis</i> (Schedl), (<i>Archeophalus</i>), <i>Hypothenemus</i>	936
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<i>mystacinus</i> Wood, <i>Pityokteines</i>	463	<i>navus</i> Blackman, <i>Pityophthorus</i> (= <i>modicus</i>)	1012
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<i>naevus</i> Schedl. <i>Cryptoxyleborus</i>	828	<i>nebulosus</i> (LeConte), (<i>Hylesinus</i>), <i>Pseudohylesinus</i>	110
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<i>namibiae</i> Schedl, <i>Halystus</i>	283	<i>neglectus</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	677
<i>namosianus</i> Browne, <i>Hypothenemus</i>	936	<i>neglectus</i> Beeson, (<i>Ericryphalus</i>), <i>Cryphalus</i> (= <i>neglectus</i> Schedl)	885
<i>nandarivatus</i> Schedl, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>destruens</i>)	688	<i>neglectus</i> Schedl, <i>Chramesus</i>	267
<i>nanellus</i> Wood, <i>Hypothenemus</i>	936	<i>neglectus</i> Schedl, <i>Cryphalus</i>	885
<i>nanellus</i> Wood, <i>Scolytodes</i>	395	<i>neglectus</i> Schedl, <i>Phloeotribus</i>	225
<i>nankinensis</i> Kurenzov & Kononov, <i>Orthotomicus</i>	473	<i>neglectus</i> Schedl, <i>Scolytotplatypus</i>	404
<i>nanula</i> (LeConte), (<i>Micracis</i>), <i>Micracisella</i>	430	<i>Negritus</i> Eggers (= <i>Scolytogenes</i>)	858
<i>nanulus</i> (Schedl), (<i>Gnathotrichus</i>), <i>Gnathotrupes</i>	1041	<i>negrosensis</i> Browne, <i>Cryphalus</i>	885
<i>nanulus</i> (Wood), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	863	<i>neivai</i> Eggers, <i>Xyleborus</i>	755
<i>nanulus</i> Schedl, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>eruditus</i>)	925	<i>Nemobius</i> Chapuis (= <i>Pycnarthrum</i>)	384
<i>nanulus</i> Schedl, <i>Hylesinus</i>	81	<i>Nemopagiocerus</i> Schedl (= <i>Eupagiocerus</i>)	214
<i>nanulus</i> Wood, <i>Araptus</i>	959	<i>Nemophilus</i> Chapuis (= <i>Cnesinus</i>)	205
<i>nanulus</i> Wood, <i>Phloeocleptus</i>	421	<i>nemoralis</i> Wood, <i>Pityophthorus</i>	1015
<i>nanus</i> (Blandford), (<i>Xyleborus</i>), <i>Xylosandrus</i>	799	<i>neoadjunctus</i> (Schedl), (<i>Xyleborus</i>), <i>Coptoborus</i>	663
<i>nanus</i> (Eichhoff), (<i>Gnathotrichus</i>), <i>Gnathotrupes</i>	1041	<i>neocavipennis</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	700
<i>nanus</i> Browne, <i>Cryptoxyleborus</i>	828	<i>neocrucifer</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	700

<i>Neocryphalus</i> Eggers (= <i>Scolytogenes</i>)	858	<i>niger</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>seriatus</i>)	943
Neocryphus Nunberg	852	<i>niger</i> Marsham, (<i>Ips</i>), <i>Hylastes</i> (= <i>ater</i>)	46
neocylindricus Schedl, <i>Xyleborus</i>	755	<i>niger</i> Nunberg, <i>Xyleborus</i> (= <i>squamulatus</i>)	776
<i>Neodiamerus</i> Schedl (= <i>Acacacis</i>)	193	niger Sampson, <i>Xyleborus</i>	755
<i>Neodryocoetes</i> Eggers (= <i>Araptus</i>)	952	<i>niger</i> Schedl, (<i>Poecilips</i>), <i>Coccotrypes</i> (= <i>advena</i>)	593
neofacialis Schedl, <i>Scolytus</i>	354	niger Schedl, <i>Cryphalus</i>	885
<i>Neoglostatus</i> Schedl (= <i>Pseudothyanoes</i>)	411	niger Schedl, <i>Dactylipalpus</i>	102
<i>neogracilis</i> Schedl, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>gracilis</i>)	808	niger Schedl, <i>Pityophthorus</i>	1015
<i>neohybridus</i> Schedl, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>xanthopus</i>)	697	niger Schedl, <i>Xyloctonus</i>	840
<i>Neohylesinus</i> Eggers (= <i>Phrixosoma</i>)	189	<i>niger</i> Sokanovskii, <i>Pityogenes</i> (= <i>saalasi</i>)	457
<i>Neohyorrhynchus</i> Schedl (= <i>Sucus</i>)	191	niger Stark, <i>Trypophloeus</i>	846
<i>neomexicanus</i> Blackman, <i>Phloeosinus</i> (= <i>scopulorum</i>)	253	<i>niger</i> Stebbing, <i>Polygraphus</i> (= <i>aterrimus</i>)	285
<i>Neomips</i> Schedl (= <i>Pityophthorus</i>)	977	<i>niger</i> Wood, (<i>Loganius</i>), <i>Cnemonyx</i> (= <i>nigrellus</i>)	317
<i>Neophloeotribus</i> Eggers (= <i>Phloeotribus</i>)	218	niger Wood, <i>Cactopinus</i>	436
<i>Neopityophthorus</i> Schedl (= <i>Araptus</i>)	952	niger Wood, <i>Cnesinus</i>	210
Neopteleobius Nobuchi	72	niger Wood, <i>Hylastes</i>	57
neoscabridus Schedl, <i>Xyleborus</i>	755	nigericus Browne, <i>Cryphalus</i>	885
neosphenos (Schedl), (<i>Xyleborus</i>), <i>Coptoborus</i>	663	<i>nigericus</i> Browne, <i>Xyleborus</i> (= <i>crinitus</i>)	721
neotardus Schedl, <i>Corthylus</i>	1075	nigra (Eggers), (<i>Bothryperus</i>), <i>Phrixosoma</i>	190
<i>Neotomicus</i> Fuchs (= <i>Orthotomicus</i>)	467	nigra Wood, <i>Micracisella</i>	430
neotropicalis Wood, <i>Thysanoes</i>	420	nigrella Wood, <i>Micracisella</i>	430
<i>neotropicus</i> Schedl, <i>Phloeosinus</i> (= <i>serratus</i>)	255	nigrellus Wood, <i>Araptus</i>	959
neotruncatus (Schedl), (<i>Xyleborus</i>), <i>Amasa</i>	683	nigrellus Wood, <i>Cnemonyx</i>	316
<i>Neoxyloctonus</i> Eggers, <i>Scolytominus</i>	838	nigrescens Browne, <i>Xyleborus</i>	755
<i>nephelii</i> Eggers, (<i>Thamnurgides</i>), <i>Coccotrypes</i> (= <i>rhizophorae</i>)	610	<i>nigrescens</i> Eggers, <i>Diamerus</i> (= <i>ritsemae</i>)	198
nepocranus (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	677	nigrescens Schedl, <i>Strombophorus</i>	204
<i>nepos</i> Eggers, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>funereus</i>)	674	nigrescens Wollaston, <i>Liparthrum</i>	279
<i>nepos robustus</i> Schedl, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>funereus</i>)	674	nigricans Blandford, <i>Pityophthorus</i>	1015
<i>nepotulomorphus</i> Eggers, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>asperatus</i>)	671	<i>nigricans</i> Eggers, <i>Eucallacea</i> (= <i>fornicatus</i>)	688
<i>nepotulus</i> Eggers, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>asperatus</i>)	671	<i>nigricans</i> Kurenzov, <i>Polygraphus</i> (= <i>proximus</i>)	296
neptunus Schaufuss, <i>Xyleborus</i>	755	<i>nigricans</i> Schedl, <i>Cnemonyx</i> (= niger)	317
<i>nesianus</i> Beeson, <i>Xyleborus</i> (= <i>ferrugineus</i>)	739	nigricans Schedl, <i>Cryphalus</i>	885
nevermanni (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1059	<i>nigriceps</i> Kirby, (<i>Apate</i>), <i>Polygraphus</i> (= <i>rufipennis</i>)	298
nevermanni (Schedl), (<i>Thylurcos</i>), <i>Corthylus</i>	1075	<i>nigricollis</i> Eggers, (<i>Poecilips</i>), <i>Coccotrypes</i> (= <i>advena</i>)	592
<i>nevermanni</i> Schedl, <i>Eupagiocerus</i> (= <i>ater</i>)	214	<i>nigricollis</i> Hagedorn, (<i>Xyleborus</i>), <i>Dryocoetoides</i> (= <i>granulicauda</i>)	657
nevermanni Schedl, <i>Scolytus</i>	354	<i>nigricollis</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	922
<i>nevermanni</i> Schedl, <i>Xyleborus</i> (= <i>costaricensis</i>)	721	nigrielytris Niisima, <i>Polygraphus</i>	290
<i>nibarani</i> Beeson, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>birmanus</i>)	910	nigrina (Schedl), (<i>Ernoporus</i>), <i>Trischidias</i>	947
nigellatus (Schedl), (<i>Lepicerinus</i>), <i>Scolytogenes</i>	864	nigrinus (Mannerheim), (<i>Hylurgus</i>), <i>Hylastes</i>	57
niger (Bright), (<i>Neodryocoetes</i>), <i>Araptus</i>	959	nigrinus Schedl, <i>Microcryphalus</i>	411
niger (Eggers), (<i>Ceratolepis</i>), <i>Cnemonyx</i>	317	nigripennis (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	677
niger (Fabricius), (<i>Hylesinus</i>), <i>Camptocerus</i>	319	nigripennis Blandford, <i>Metacorthylus</i>	1064
niger (Schedl), (<i>Erioschidias</i>), <i>Cosmoderes</i>	901	<i>nigripennis</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	923
niger (Schedl), (<i>Hapalogenius</i>), <i>Hylesinopsis</i>	94	<i>nigripennis</i> Mader, <i>Tomicus</i> (= <i>minor</i>)	123
niger (Schedl), (<i>Metacorthylus</i>), <i>Corthylus</i>	1075	nigripes Eggers, <i>Coccotrypes</i>	607
niger Eggers, <i>Coccotrypes</i>	607	<i>nigripes</i> Reitter, <i>Phloeosinus</i> (= <i>bicolor</i>)	242
<i>niger</i> Geoffroy, <i>Scolytus</i> (= <i>scolytus</i>)	375	nigrisetosus Eggers, <i>Diamerus</i>	197
		<i>nigritus</i> Gyllenhal, (<i>Bostrichus</i>), <i>Orthotomicus</i> (= <i>suturalis</i>)	477
		nigrivestis (Schedl), (<i>Ctonocryphus</i>), <i>Glostatus</i>	836
		<i>negroaffinis</i> Beeson, <i>Xyleborus</i> (= <i>adamsoni</i>)	705
		nigronitens (Schedl), (<i>Poecilips</i>), <i>Coccotrypes</i>	607

<i>nigropiceus</i> (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	936	<i>nitidulus</i> Guérin-Meneville, (<i>Piezorhopalus</i>), <i>Amphicranus</i> (= <i>thoracicus</i>)	1049
<i>nigropilosus</i> Eggers, <i>Xyleborus</i>	755	<i>nitidulus</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>seriatus</i>)	943
<i>nigrosetosus</i> (Schedl), (<i>Xyleborus</i>), <i>Eucallacca</i>	692	<i>nitidulus</i> Schedl, <i>Thamnurgus</i>	545
<i>nigrosetosus</i> Hagedorn, <i>Xylechinus</i>	116	<i>nitidum</i> Schedl, <i>Rhopalopselion</i>	97
<i>nigrosetosus</i> Schedl, <i>Hypocryphalus</i>	871	<i>nitidus</i> (Eggers), (<i>Dendrugus</i>), <i>Coccotrypes</i>	607
<i>nigrum</i> Sokanovskii, <i>Trypodendron</i> (= <i>lineatum</i>)	643	<i>nitidus</i> (Eggers), (<i>Prionosceles</i>), <i>Scolytodes</i>	396
<i>niijimai</i> Nobuchi, <i>Dryocoetes</i>	584	<i>nitidus</i> (Hagedorn), (<i>Lepicerus</i>), <i>Cyrtogenius</i>	567
<i>niisimai</i> (Eggers), (<i>Hyorrhynchus</i>), <i>Sueus</i>	191	<i>nitidus</i> (Schedl), (<i>Dryocoetes</i>), <i>Dryocoetiops</i>	588
<i>niligrinus</i> Eggers, <i>Hylesinus</i>	82	<i>nitidus</i> (Schedl), (<i>Eidophelus</i>), <i>Micryphalus</i>	411
<i>nimifrons</i> Wood, <i>Gnathotrichus</i>	1036	<i>nitidus</i> (Schedl), (<i>Xyleborus</i>), <i>Cnestus</i>	803
<i>niponensis</i> Inouye & Nobuchi, <i>Cryphalus</i>	885	<i>nitidus</i> Blackman, <i>Cucinus</i> (= <i>blackmani</i>)	206
<i>niponicum</i> Blandford, <i>Trypodendron</i>	644	<i>nitidus</i> Browne, <i>Thamnurgus</i>	545
<i>niponicus</i> Murayama, <i>Hylurgops</i> (= <i>interstitialis</i>)	34	<i>nitidus</i> Eggers, (<i>Adryocoetes</i>), <i>Coptodryas</i> (= <i>pulla</i>)	826
<i>Nipponopolygraphus</i> Nobuchi (= <i>Polygraphus</i>)	284	<i>nitidus</i> Eggers, <i>Chramesus</i> (= <i>opacicollis</i>)	267
<i>nitellus</i> (Schedl), (<i>Hexacolus</i>), <i>Scolytodes</i>	395	<i>nitidus</i> Eggers, <i>Cnesinus</i>	210
<i>nitellus</i> Browne, <i>Pityophthorus</i>	1015	<i>nitidus</i> Eggers, <i>Ips</i>	514
<i>nitellus</i> Browne, <i>Xyleborus</i>	755	<i>nitidus</i> Eggers, <i>Pagiocerus</i> (= <i>frontalis</i>)	214
<i>nitellus</i> Schedl, <i>Thamnurgus</i>	545	<i>nitidus</i> Eggers, <i>Pityogenes</i> (= <i>seirindensis</i>)	458
<i>nitens</i> (Schedl), (<i>Hexacolus</i>), <i>Scolytodes</i>	396	<i>nitidus</i> Eggers, <i>Scolytoplatypus</i>	405
<i>nitens</i> (Schedl), (<i>Ozodendron</i>), <i>Peridryocoetes</i>	561	<i>nitidus</i> Schedl, (<i>Ptilopodius</i>), <i>Eidophelus</i> (= <i>imitans</i>)	867
<i>nitens</i> Browne, <i>Cnestus</i> (= <i>aterrimus</i>)	802	<i>nitidus</i> Schedl, <i>Scolytus</i>	354
<i>nitens</i> Browne, <i>Cryphalus</i>	885	<i>nitidus</i> Swaine, <i>Hylastes</i> (= <i>gracilis</i>)	55
<i>nitens</i> Browne, <i>Xyleborus</i>	755	<i>nitidus</i> Swaine, <i>Phloeosinus</i> (= <i>cupressi</i>)	245
<i>nitens</i> Wood, <i>Cnemionyx</i> (= <i>atratus</i>)	314	<i>nitidus</i> Swaine, <i>Pityophthorus</i>	1016
<i>nitidicollis</i> (Eggers), (<i>Phthorophloeus</i>), <i>Phloeotribus</i>	225	<i>nitidus</i> Swaine, <i>Trypophloeus</i> (= <i>striatulus</i>)	847
<i>nitidicollis</i> (Motschulsky), (<i>Olonthogaster</i>), <i>Hyledius</i>	260	<i>nitidus</i> orientalis Eggers, <i>Cyrtogenius</i> (= <i>nitidus</i>)	567
<i>nitidicollis</i> (Reitter), (<i>Dryocoetes</i>), <i>Tiarophorus</i>	540	<i>nobilis</i> (Eggers), (<i>Pseudoxyleborus</i>), <i>Amasa</i>	683
<i>nitidicollis</i> Chapuis, <i>Phloeoborus</i> (= <i>punctatorugosus</i>)	100	<i>nobilis</i> (Wollaston), (<i>Tomicus</i>), <i>Ips</i>	514
<i>nitidicollis</i> Eggers, <i>Scolytoplatypus</i>	405	<i>nobilis</i> Blandford, <i>Hylesinus</i>	82
<i>nitidicollis</i> Hagedorn, (<i>Xyleborus</i>), <i>Dryocoetoides</i> (= <i>granulicauda</i>)	657	<i>nobilis</i> Swaine, <i>Pseudohylesinus</i>	111
<i>nitidicollis</i> Schedl, <i>Hypocryphalus</i>	871	<i>nobuchii</i> Schedl, (<i>Cryphalomorphus</i>), <i>Scolytogenes</i> (= <i>punctatulus</i>)	865
<i>nitidifrons</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>multidentatus</i>)	936	<i>nobuchii</i> Choo & Woo, <i>Polygraphus</i>	291
<i>nitidifrons</i> Hopkins, <i>Gnathotrichus</i>	1036	<i>nocturnus</i> Schedl, <i>Pityophthorus</i>	1016
<i>nitidiloides</i> (Schedl), (<i>Xyleborus</i>), <i>Cnestus</i>	803	<i>nodatus</i> Wood, <i>Scolytus</i>	354
<i>nitidior</i> (Eggers), (<i>Xyleborus</i>), <i>Amasa</i>	683	<i>nodicornis</i> Wichmann, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= <i>nodulus</i>)	355
<i>nitidipennis</i> (Schedl), (<i>Breviophthorus</i>), <i>Pityophthorus</i>	1015	<i>nodifer</i> Blandford, <i>Tricolus</i>	1044
<i>nitidipennis</i> (Schedl), (<i>Neodryocoetes</i>), <i>Araptus</i>	960	<i>nodifer</i> Reitter, <i>Scolytus</i> (= <i>multistriatus</i>)	353
<i>nitidipennis</i> (Schedl), (<i>Xyleborus</i>), <i>Cnestus</i>	803	<i>nodosum</i> Eggers, <i>Ctonoxylon</i>	838
<i>nitidipennis</i> Browne, <i>Cryphalus</i>	885	<i>nodulosus</i> (Eggers), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	677
<i>nitidipennis</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>seriatus</i>)	942	<i>nodulosus</i> Hagedorn, <i>Prennobiobius</i>	654
<i>nitidipennis</i> Roubal, <i>Xyleborus</i> (= <i>monographus</i>)	751	<i>nodulus</i> (Wichmann), (<i>Eccoptogaster</i>), <i>Scolytus</i>	355
<i>nitidipennis</i> Schedl, (<i>Poecilips</i>), <i>Coccotrypes</i> (= <i>longior</i>)	605	<i>nodulus</i> Wood, <i>Hylocurus</i>	426
<i>nitidissimus</i> (Eggers), (<i>Hexacolus</i>), <i>Scolytodes</i>	396	<i>noguerae</i> Atkinson, <i>Cnesinus</i>	210
<i>nitidula</i> Wood, <i>Micracisella</i>	430	<i>nolens</i> Wood, <i>Corthylus</i>	1075
<i>nitidulus</i> (Mannerheim), <i>Pityophthorus</i>	1015	<i>Nomebius</i> Navas (= <i>Pycnarthrum</i>)	384
<i>nitidulus</i> (Schedl), (<i>Neodryocoetes</i>), <i>Araptus</i>	960	<i>nonseptis</i> Schedl, (<i>Phloeosinus</i>), <i>Cladoctonus</i> (= <i>banosus</i>)	238
<i>nitidulus</i> Chapuis, <i>Scolytus</i> (= <i>mali</i>)	344	<i>norfolkensis</i> Schedl, <i>Xyleborus</i>	755
<i>nitidulus</i> Eggers, <i>Xyleborus</i>	755	<i>norimasanus</i> (Murayama), (<i>Dryocoetes</i>), <i>Coccotrypes</i>	607
		<i>normandi</i> (Eggers), (<i>Thamnurgus</i>), <i>Tiarophorus</i>	540
		<i>noysi</i> Schedl, <i>Xyleborus</i>	755

notatum Wood, <i>Monarthrum</i>	1059	numidicus Eichhoff, <i>Cryphalus</i>	885
notatus (Eggers), (<i>Hexacolus</i>), <i>Scolytodes</i>	396	numidicus Ferrari, <i>Crypturgus</i>	625
<i>notatus</i> Eggers, (<i>Poecilips</i>), <i>Coccotrypes</i> (= vulgaris)	614	<i>numidicus abbreviatus</i> Eggers, <i>Crypturgus</i> (= numidicus)	625
<i>notatus</i> Eggers, <i>Xyleborus</i> (= ferrugineus)	739	nunbergi Michalski, <i>Scolytus</i>	355
nothofagi (Schedl), (<i>Gnathomimus</i>), <i>Gnathotrupes</i>	1042	nuperus Bright, <i>Xyleborus</i>	755
nothofagi Browne, <i>Cryphalus</i>	885	nutans (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	700
<i>Nothoxyleborus</i> Schedl (= <i>Xyleborus</i>)	704	<i>nuuanus</i> Schedl, <i>Xyleborus</i> (= rugatus)	769
noumeanus (Browne), (<i>Dryocoetes</i>), <i>Cyrtogenius</i>	567	nyalubombeae Schedl, <i>Cryphalus</i>	886
novagranadensis Eggers, <i>Xyleborus</i>	755	<i>nyssae</i> Hopkins, <i>Xyleborus</i> (= ferrugineus)	739
<i>novaguineanus</i> Schedl, <i>Xyleborus</i> (= similis)	773	oahuensis Perkins, <i>Xyleborus</i>	756
novaki Reitter, <i>Kissophagus</i>	69	<i>oahuensis</i> Samuelson, <i>Xyleborus</i> (= scabratus)	770
novateutonicus (Schedl), (<i>Gnathocranus</i>), <i>Araptus</i>	960	<i>oahuensis</i> Schedl, <i>Hypothenemus</i> (= arecae)	908
novateutonicus (Schedl), (<i>Phthorophloeus</i>), <i>Phloeotribus</i>	225	<i>oaxacaensis</i> Bright, <i>Monarthrum</i> (= hoegei)	1057
novateutonicus (Schedl), (<i>Ptilopodius</i>), <i>Hypothenemus</i>	936	obanus Hagedorn, <i>Ozopemon</i>	589
<i>novateutonicus</i> Schedl, (<i>Problechilus</i>), <i>Gymnochilus</i> (= concisus)	386	obelus Wood, <i>Scolytus</i>	355
novateutonicus Schedl, <i>Cnesinus</i>	210	obesa Blackman, <i>Phrixosoma</i>	190
novateutonicus Schedl, <i>Pityophthorus</i>	1017	obesum (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1059
novateutonicus Schedl, <i>Scolytus</i>	355	obesus (Hopkins), (<i>Dacryphalus</i>), <i>Hypocryphalus</i>	871
<i>novateutonicus</i> Schedl, <i>Xyleborus</i> (= posticus)	765	obesus (Schedl), (<i>Micraciops</i>), <i>Lanurgus</i>	409
novellus Blackman, <i>Pityophthorus</i>	1017	obesus (Wood), (<i>Cryptulocleptus</i>), <i>Pseudothysanoes</i>	415
novus (Eggers), (<i>Xyleborus</i>), <i>Leptoxyleborus</i>	660	obesus Browne, <i>Hyporhynchus</i>	192
<i>novus</i> Bright, <i>Xyleborus</i> (= howdenae)	743	<i>obesus</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= javanus)	932
<i>noxius</i> Ratzeburg, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= pygmaeus)	359	<i>obesus</i> Kirsch 1875, <i>Phloeotribus</i> (= pilula)	227
<i>noxius</i> Sampson, (<i>Xyleborus</i>), <i>Eucallacea</i> (= andamanensis)	686	obesus LeConte, <i>Xyleborus</i>	756
nsafukalae (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	700	<i>obesus</i> Mannerheim, (<i>Hylurgus</i>), <i>Dendroctonus</i> (= rufipennis)	176
nubilus (Blandford), (<i>Dryocoetes</i>), <i>Coccotrypes</i>	607	<i>obesus</i> Swaine, <i>Pseudohylesinus</i> (= tsugae)	113
nubilus (Wood), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	864	obesus Wood, <i>Araptus</i>	960
<i>nubilus</i> Blackman, (<i>Ceratolepis</i>), <i>Cnemonyx</i> (= ficus)	315	obesus Wood, <i>Scolytodes</i>	396
nubilus Blandford, <i>Phloeotribus</i>	225	<i>obesus</i> minor Swaine, <i>Xyleborus</i> (= sayi)	770
nubilus Samuelson, <i>Xyleborus</i>	755	obiensis Browne, <i>Xyleborus</i>	756
<i>nuciferus</i> Schedl, (<i>Poecilips</i>), <i>Coccotrypes</i> (= advena)	593	<i>oblicatus</i> Schedl, <i>Xyleborus</i> (= obliquus)	757
nudibrevis (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	825	obliquecaudata Motschulsky (<i>Phloeotrogus</i>), <i>Ambrosiodmus</i>	677
<i>nudifrons</i> Motschulsky, (<i>Phloeosinus</i>), <i>Hyledius</i> (= concinulus)	259	<i>obliquecaudatum</i> Schedl, (<i>Pterocyclon</i>), <i>Monarthrum</i> (= scutellare)	1062
nudipennis (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	825	obliquesectum (Eggers), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	700
nudipennis Schedl, <i>Corthylus</i>	1075	obliquum (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1060
<i>nudiusculus</i> Schedl, <i>Corthylus</i> (= flagellifer)	1073	obliquus (LeConte), (<i>Pityophthorus</i>), <i>Ambrosiodmus</i>	677
nudum (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1059	<i>obliquus</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= interstitialis)	932
<i>nudum</i> Israelson, <i>Aphanarthrum</i> (= glabrum)	618	<i>obliquus</i> Chapuis, <i>Phloeotribus</i> (= pilula)	227
nudus (Nunberg), (<i>Xyleborus</i>), <i>Cnestus</i>	803	obliquus Schedl, <i>Corthylus</i>	1076
nudus (Schedl), (<i>Thamnophthorus</i>), <i>Araptus</i>	960	<i>obliquus</i> Schedl, <i>Cryphalus</i> (= sylicola)	896
<i>nudus</i> Nunberg, <i>Strombophorus</i> (= crenatus)	203	obliquus Sharp, <i>Xyleborus</i>	756
nudus Schedl, <i>Corthylus</i>	1076	<i>oblitus</i> Perris, (<i>Tomicus</i>), <i>Orthotomicus</i> (= longicollis)	473
<i>nudus</i> Swaine, <i>Pityophthorus</i> (= consimilis)	991	oblongus (Eggers), (<i>Hexacolus</i>), <i>Scolytodes</i>	396
nuesslini Reitter, <i>Kissophagus</i>	69	oblongus (Eggers), (<i>Pseudophloeotribus</i>), <i>Hylesinopsis</i>	95
nugalis Wood, <i>Pityophthorus</i>	1017	oblongus (Nobuchi), (<i>Macrocryphalus</i>), <i>Hypothenemus</i>	936
nugax (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	826	oblongus Blandford, <i>Polygraphus</i>	291
numidicus Brisout, <i>Scolytus</i>	355		

<i>oblongus</i> Eggers, (<i>Pocillips</i>), <i>Coccotrypes</i> (= <i>longior</i>)	605	<i>occidentalis</i> Blackman, <i>Pityophthorus</i>	1017
<i>oblongus</i> Niisima, <i>Cryphalus</i>	586	<i>occidentalis</i> Browne, <i>Scolytolplatypus</i>	405
<i>oblongus</i> Schedl, <i>Xyleborus</i>	757	<i>occidentalis</i> Eggers, <i>Camptocerus</i>	319
<i>obnixus</i> Schedl, (<i>Gnathotrichus</i>), <i>Gnathotrupes</i> (= <i>longipennis</i>)	1041	<i>occidentalis</i> Hopkins, (<i>Gnathotrichus</i>) (= <i>retusus</i>)	1037
<i>obscura</i> Schedl 1962, <i>Pseudodiamerus</i> (= <i>obscurus</i>)	194	<i>occidentalis</i> Peyerimhoff, <i>Cisurgus</i>	630
<i>obscura</i> Schedl 1963, <i>Pseudodiamerus</i> (= <i>obscurus</i>)	194	<i>occidentalis</i> Schedl, (<i>Mimiophthorus</i>), <i>Mimicurus</i> (= <i>kikusuae</i>)	949
<i>obscuriceps</i> Schedl, <i>Hypothenemus</i> (= <i>eruditus</i>)	925	<i>occidentalis</i> Schedl, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>areccae</i>)	908
<i>obscurus</i> (Eggers), (<i>Neodryocoetes</i>), <i>Araptus</i>	960	<i>occidentalis</i> Schedl, <i>Polygraphus</i>	291
<i>obscurus</i> (Fabricius), (<i>Hylesinus</i>), <i>Hypothenemus</i>	936	<i>occidentalis</i> Schedl, <i>Strombophorus</i>	204
<i>obscurus</i> (Marshall), (<i>Ips</i>), <i>Hylastinus</i>	64	<i>occidentalis minusculus</i> Schedl, <i>Polygraphus</i> (= <i>occidentalis</i>)	291
<i>obscurus</i> (Wood), (<i>Hexacolus</i>), <i>Scolytodes</i>	396	<i>occlusus</i> Bright, <i>Pityophthorus</i>	1017
<i>obscurus</i> Chapuis, <i>Hylastes</i> (= <i>plumbeus</i>)	60	<i>ocellata</i> Wood, <i>Micracisella</i>	430
<i>obscurus</i> Eggers, <i>Bufonius</i>	1082	<i>ocellatus</i> (Wood), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	678
<i>obscurus</i> Eggers, <i>Microcorthylus</i>	1066	<i>ochromae</i> Wood, <i>Scolytodes</i>	396
<i>obscurus</i> Eggers, <i>Pernophorus</i>	202	<i>octiesdentatus</i> Murayama, <i>Xyleborus</i>	757
<i>obscurus</i> Eggers, <i>Pseudodiamerus</i>	194	<i>octodecimspinus</i> Sampson, <i>Webbia</i> (= <i>diptercarpi</i>)	830
<i>obscurus</i> Eggers, <i>Xylechinus</i>	116	<i>octodentatus</i> (Schedl), (<i>Pterocyclonoides</i>), <i>Tricolus</i>	1044
<i>obscurus</i> Eichhoff, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>setosus</i>)	944	<i>octodentatus</i> Browne, <i>Acanthotomicus</i>	482
<i>obscurus</i> Ferrari, (<i>Cryphalus</i>), <i>Hypothenemus</i> (= <i>eruditus</i>)	920	<i>octodentatus</i> Paykull, (<i>Bostrichus</i>), <i>Ips</i> (= <i>typographus</i>)	538
<i>obscurus</i> Hopkins, <i>Hypocryphalus</i>	871	<i>octospinosus</i> (Eggers), (<i>Xyleborus</i>), <i>Xyleborinus</i>	809
<i>obscurus</i> Rey, <i>Coccotrypes</i> (= <i>dactyliperda</i>)	600	<i>octospinosus</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	482
<i>obscurus</i> Schedl, (<i>Xyleborus</i>), <i>Webbia</i> (= <i>similis</i>)	832	<i>octospinosus</i> Nunberg, <i>Scolytolplatypus</i> (= <i>eichelbaumi</i>)	402
<i>obscurus</i> Wood, <i>Gnathotrichus</i>	1036	<i>ocularis</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	864
<i>obscurus</i> Wood, <i>Phloeocleptus</i>	421	<i>ocularis</i> (Wood), (<i>Mimips</i>), <i>Acanthotomicus</i>	482
<i>obsitum</i> Wollaston, <i>Aphanarthrum</i> (= <i>bicinctum</i>)	617	<i>ocularis</i> Blandford, <i>Cnesinus</i>	210
<i>obsolete</i> (Blandford), (<i>Pityophthorus</i>), <i>Araptus</i>	960	<i>ocularis</i> Wood, <i>Microcorthylus</i>	1066
<i>obstipus</i> Schedl, <i>Xyleborus</i>	757	<i>oculatus</i> Wood, <i>Corthylus</i>	1076
<i>obtectus</i> Schedl, <i>Scolytolplatypus</i>	405	<i>ohausi</i> Hagedorn, <i>Xyleborus</i> (= <i>princeps</i>)	765
<i>obtrusus</i> Sampson, <i>Xyleborus</i> (= <i>tumucensis</i>)	779	<i>ohnoi</i> Browne, <i>Xyleborus</i>	757
<i>obtusatus</i> Schedl, <i>Xyleborus</i>	757	<i>ohtoensis</i> Nobuchi, <i>Xyleborus</i>	757
<i>obtusicollis</i> (Schedl), (<i>Pocillips</i>), <i>Coccotrypes</i>	608	<i>okadai</i> Browne, <i>Araxyleborus</i>	668
<i>obtusicollis</i> (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	826	<i>okinosenensis</i> Murayama, <i>Xyleborus</i>	757
<i>obtusicornis</i> Schedl, <i>Sampsonius</i>	656	<i>okoumeensis</i> Schedl, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>crassiusculus</i>)	792
<i>obtusipennis</i> Blandford, <i>Pityophthorus</i>	1017	<i>oleae</i> Fabricius, (<i>Bostrichus</i>), <i>Phloeotribus</i> (= <i>scarabaeoides</i>)	231
<i>obtusipennis</i> Eggers, <i>Xyleborus</i> (= <i>ferrugineus</i>)	736	<i>oleae</i> Schedl, <i>Lanurgus</i>	409
<i>obtusipennis</i> Schedl, <i>Hylocurus</i>	426	<i>oleaeformis</i> Schedl, <i>Lanurgus</i>	409
<i>obtusipennis</i> Schedl, <i>Webbia</i>	831	<i>oleanderi</i> (Schedl), (<i>Neodryocoetes</i>), <i>Araptus</i>	960
<i>obtusispinosus</i> Schedl, <i>Webbia</i>	831	<i>oleiperda</i> Fabricius, (<i>Bostrichus</i>), <i>Hylesinus</i> (= <i>toranio</i>)	83
<i>obtusitruncatus</i> (Schedl), (<i>Xyleborus</i>), <i>Dryocoetoides</i>	658	<i>oleiphilus</i> DelGuercio, <i>Phloeotribus</i> (= <i>scarabaeoides</i>)	232
<i>obtusum</i> (Eggers), (<i>Anchonomerus</i>), <i>Monarthrum</i>	1060	<i>oliveirai</i> Schedl, <i>Corthylus</i>	1076
<i>obtusum</i> Eggers, <i>Trypodendron</i> (= <i>signatum</i>)	648	<i>olivierai</i> Schedl, <i>Pityophthorus</i>	1017
<i>obtusum</i> Eggers, (<i>Xyleborus</i>), <i>Cyclorhipidion</i> (= <i>circumcisum</i>)	698	<i>Olonthogaster</i> Motschulsky (= <i>Hyledius</i>)	259
<i>obtusum</i> Eggers, <i>Dianerus</i>	197	<i>ominosus</i> Schedl, <i>Xyleborus</i> (= <i>amanicus</i>)	710
<i>obtusum</i> Eggers, <i>Pityogenes</i> (= <i>bidentatus</i>)	442	<i>omissum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1060
<i>obtusum</i> Schaufuss, <i>Pityophthorus</i>	1017	<i>omissus</i> (Schedl), (<i>Xyleborus</i>), <i>Xylosandrus</i>	799
<i>obtusum</i> Schedl, (<i>Corthylus</i>), <i>Brachyspartus</i> (= <i>moritzi</i>)	1068		
<i>occidentalis</i> (Schedl), (<i>Hapalogenius</i>), <i>Rhopalopselion</i>	97		
<i>occidentalis</i> Bedel, <i>Phloeotribus</i> (= <i>scarabaeoides</i>)	230		

- omissus* Eichhoff, (*Tomicus*), *Orthotomicus*
 (= *proximus*) 475
omissus Schedl, *Coccotrypes* 605
omissus Wood, *Gnathotrichus* 1036
ommateus Wood, *Scolytodes* 396
oneratus Schedl, *Xyleborus* 757
onerous (Schedl), (*Ips*), *Acanthotomicus* 482
onerous Schedl, *Xyleborus* (= *mascareniformis*) 750
onoharaensis Murayama, *Xyleborus* 757
Onthotomicus Ferrari (= *Orthotomicus*) 467
onyanganus (Schedl), (*Letznerella*), *Scolytogenes* 864
opacicauda Eggers, (*Xyleborus*), *Amasa* (= *resectus*) 684
opacicaudulus Schedl, *Cryptoxyleborus* 828
opacicollis (Eggers), (*Loganius*), *Camptocerus* 319
opacicollis (Eggers), (*Prionosceles*), *Scolytodes* 396
opacicollis (LeConte), (*Micracis*), *Micracisella* 430
opacicollis Blackman, *Pseudopityophthorus* 974
opacicollis Eggers, *Chramesus* 267
opacicollis Eggers, *Phloeotribus* 225
opacicollis Eggers, *Polygraphus* (= *primus*) 296
opacicollis Eggers, *Scolytoplatypus* 405
opacicollis nitidus Eggers, *Chramesus*
 (= *opacicollis*) 267
opacifrons Beeson, (*Thamnurgides*), *Coccotrypes*
 (= *salakensis*) 611
opacifrons Hopkins, (*Stephanoderes*), *Hypothenemus*
 (= *pubescens*) 939
opacifrons Reitter, *Pityogenes* (= *calcaratus*) 445
opacifrons Schedl, (*Pterocyclon*), *Monarthrum*
 (= *omissum*) 1060
opacifrons Schedl, *Amphicranus* (= *melanura*) 1047
opacipennis Hopkins, (*Stephanoderes*),
Hypothenemus (= *interstitialis*) 932
opacithorax (Schedl), (*Micracis*), *Micracisella* 431
opacithorax (Schedl), (*Xyleborus*), *Ambrosiodmus* 678
opacithorax Schedl, *Phloeoborus* (= *scaber*) 101
opaculus LeConte, (*Hylesinus*), *Hylurgopinus*
 (= *rufipes*) 109
opaculus LeConte, *Pityophthorus* 1017
opaculus Schedl, *Sternobothrus* 216
opacus (Eichhoff), (*Stephanoderes*),
Hypothenemus 937
opacus (Schedl), (*Cryphalomorphus*),
Scolytogenes 864
opacus Blackman, *Scolytus* 355
opacus Broun, (*Acrantus*), *Chaetoptelius*
 (= *mundulus*) 103
opacus Eggers, *Diamerus* 197
opacus Erichson, *Hylastes* 57
opacus Schedl, *Hypocryphalus* (= *mangiferae*) 870
opacus Schedl, *Pseudochramesus* 262
opacus Schedl, *Xyloctonus* 840
opacus Wood, *Cnemonyx* 317
opacus Wood, *Scolytodes* 396
opalescens (Schedl), (*Xyleborus*), *Amasa* 683
oparus (Beeson), (*Xyleborus*), *Euwallacea* 692
operosus Schedl, *Xyleborus* 757
opienensis Tsai & Li, *Cryphalus* (= *sinoabietis*) 895
opimatum (Schedl), (*Xyleborus*), *Cyclorhipidion* 700
opimulus (Schedl), (*Xyleborus*), *Xyleborinus* 809
opimus (Wood), (*Xyleborus*), *Ambrosiodmus* 678
opimus Blackman, *Pityophthorus* (= *carinulatus*) 986
opimus Wood, (*Acrantus*), *Chaetoptelius* 103
opimus Wood, *Phloeotribus* 225
opinus Wood, *Scolytodes* 396
optatus (Schedl), (*Xyleborus*), *Ambrosiodmus* 678
opulentus Schedl, *Xyleborus* 757
oralis (Schedl), (*Xyleborus*), *Xylosandrus* 799
orarius Bright, *Pityophthorus* 1018
orbatus Blandford, (*Xyleborus*), *Xylosandrus*
 (= *germanus*) 796
orbicaudatus (Eggers), (*Xyleborus*), *Amasa* 684
orbicularis Schedl, *Webbia* 831
orbiculatus (Eggers), (*Xyleboricus*), *Arixyleborus* 668
orbiculatus (Schedl), (*Xyleborus*), *Xylosandrus* 800
orbis Browne, (*Xyleborus*), *Dryococtops* (= *laevis*) 588
oregoni Blackman, *Scolytus* 355
oregonis Eichhoff, (*Tomicus*), *Ips* (= *pini*) 520
oregonus (Blackman), (*Lepersinus*), *Hylesinus* 82
orientale Schedl, *Rhopalopschion* 97
orientalis (Eggers), (*Metahylesinus*), *Hylesinopsis* 95
orientalis (Eggers), (*Ozophagus*), *Polygraphus* 291
orientalis (Schedl), (*Mimiophthorus*),
Mimiocurus 949
orientalis Eggers, *Camptocerus* 320
orientalis Eggers, *Cryphalus* 886
orientalis Eggers, (*Pelicerus*), *Cyrtogenius*
 (= *nitidus*) 567
orientalis Eggers, *Dactylipalpus* 102
orientalis Eggers, *Premnobius* 654
orientalis Eggers, (*Eccoptogaster*), *Scolytus*
 (= *multistriatus*) 353
orientalis Eggers, *Xyleborus* 757
orientalis Krivolutsкая, (*Blastophagus*), *Tomicus*
 (= *puellus*) 136
orientalis Kurenzov, *Dryocoetes* (= *infuscatus*) 583
orientalis Schedl, (*Cryphalomorphus*), *Scolytogenes*
 (= *braderi*) 859
orientalis Schedl, *Aphanarthrum* 619
orientalis Schedl, *Cardroctonus* 283
orientalis Schedl, *Chortastus* 312
orientalis Schedl, *Thamnurgus* 545
orientalis Wood & Yin, *Ips* 514
orientalis aceris Kurenzov, *Xyleborus* (= *orientalis*) 757
orientalis kalopanacis Kurenzov, *Xyleborus*
 (= *orientalis*) 757
orientalis pilosiusculus Kurenzov, *Dryocoetes*
 (= *infuscatus*) 584
orinocanus Wood, *Scolytopsis* 320
orinocensis Wood, *Chramesus* 267
ornatus (Swaine), (*Orthotomicus*), *Pityokteines* 463
ornatus Blackman, *Pityophthorus* 1018
orni Fuchs, *Hylesinus* 82
Orosiotes Niisima (= *Cyrtogenius*) 562
Orthaspistes Hagedorn (= *Tiarophorus*) 539

Orthotomicus Ferrari	467	pallidus Eichhoff, Cryphalus	886
<i>Orthotomicus</i> Wood (=Pityokteines)	459	pallidus Escalera, Tomicus (=piniperda)	128
ostriacolens Bright, Pityophthorus	1018	pallidus Hopkins, Hypothenemus (=plumeriae)	938
osumiensis Murayama, Phloeosinus	249	pallidus Schedl, Microcorthylus	1066
osumiensis Murayama, Xyleborus	758	pallipes Sturm, Ips (=pini)	517
ougeniae Wood, Xylechinus	116	palmarum Eggers, Coccotrypes	608
<i>oralicollis</i> Eggers, (<i>Xyleborus</i>), <i>Eucallacea</i> (= wallacei)	695	palmeri Hopkins, Coptoborus	664
oralicollis Schedl, Hypocryphalus	871	palmi Hansen, Trypophloeus	846
oralis (Eggers), (Hexacolus), Scolytodes	396	<i>palmicola</i> Hornung, (<i>Bostrichus</i>), <i>Coccotrypes</i> (= dactyliperda)	601
<i>oralis</i> Eggers, (<i>Phloeophthorus</i>), <i>Phlocotribus</i> (= cristatus)	220	pampasae Schedl, Pityophthorus	1018
oralis Schedl, Chramesus	267	panamensis (Blandford), (Loganius), Cnemonyx	317
oratus (Eggers), (Dryotomus), Phloeotribus	225	<i>panamensis</i> Blackman, <i>Chramesus</i> (=pumilus)	268
oratus (Eggers), (Xyleborus), Ambrosiodinus	678	<i>panamensis</i> Blackman, <i>Cnesinus</i> (=setulosus)	211
<i>oratus</i> Chapuis, <i>Phlocoborus</i> (=asper)	98	panamensis Blackman, Gnatholeptus	970
oratus Wood, Micrasis	433	panamensis Blandford, Corthylus	1076
oricollis Blandford, Tricolus	1044	<i>panamensis</i> Wood, <i>Scolytodes</i> (=atratus)	389
oxyurus Schedl, Cryptoxyleborus	829	pandae (Schedl), (Xyleborus), Eucallacea	692
<i>Ozodendron</i> Schedl 1957 (=Cyrtogenius)	562	pandulus (Wood), (Xyleborus), Taurodemus	785
<i>Ozodendron</i> Schedl 1964 (=Cyrtogenius)	562	pannuceus Wood, Scolytodes	396
Ozopemon Hagedorn	588	papatrae Schedl, Xyleborus	758
<i>Ozophagus</i> Eggers (=Polygraphus)	254	papuae Wood, Cyrtogenius	567
pabo Sampson, Webbia	831	papuanus (Eggers), (Dendrugus), Coccotrypes	608
Pachycotes Sharp	187	papuanus (Eggers), (Dryocoetes), Cyrtogenius	567
pachylobius (Schedl), (Mimips), Acanthotomicus	482	papuanus (Schedl) 1974, (Cryphalomorphus), Scolytogenes	864
<i>Pachynoderes</i> Schedl (=Hypothenemus)	905	papuanus (Schedl), (Margadillius), Ernoporus	855
pacificus (Beeson), (Hylesinus), Ficicis	91	papuanus (Schedl), (Phloeosinus), Hyledius	261
pacificus (Schedl), (Lepicerinus), Scolytogenes	864	papuanus Blandford, Xyleborus	758
<i>pacificus</i> Beeson, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= birmanus)	910	<i>papuanus</i> Browne, (<i>Euptilius</i>), <i>Ernoporus</i> (= antennarius)	854
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<i>pacificus</i> Nunberg, <i>Xyleborus</i> (=vulcanus)	783	<i>papuanus</i> Eggers, <i>Hylesinus</i> (=cordipennis)	77
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<i>potens</i> Schedl, <i>Xyleborus</i> (= <i>approximatus</i>)	712	<i>Procryphalus</i> Hopkins	847

<i>productus</i> Hagedorn, <i>Scolytus</i> (=marginatus)	344	<i>pseudoangustatus</i> Schedl, (<i>Xyleborus</i>), <i>Xyleborinus</i>	
productus Hagedorn, <i>Xyleborus</i>	765	(=saxeseni)	815
profanus Schedl, <i>Phloeotribus</i>	227	<i>pseudobarbatus</i> Schedl, (<i>Xyleborus</i>), <i>Eucallacea</i>	
<i>profundus</i> Schedl, (<i>Xyleborus</i>), <i>Xyleborinus</i>		(=destruens)	655
(=aduncus)	804	<i>pseudobicolor</i> Eggers, (<i>Hexacolus</i>), <i>Scolytodes</i>	
<i>Progenius</i> Blandford (=Xyleborus)	704	(=notatus)	396
<i>Prognathotrichus</i> Bright (=Gnathotrichus)	1034	<i>pseudobrasiliensis</i> Eggers, (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	
prolatus Wood, <i>Hylocurus</i>	426	(=obliquus)	678
prolatus Wood, <i>Xyleborus</i>	765	pseudobrunneus Schedl, <i>Polygraphus</i>	296
prolixus Schedl, <i>Xyleborus</i>	766	<i>pseudocaudatus</i> Eggers, <i>Scolytus</i> (=caudatus)	327
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<i>pronunciatus</i> Eggers, <i>Xyleborus</i> (=cancellatus)	717	Pseudochramesus Blackman	261
propinquus Blandford, <i>Scolytus</i>	357	pseudocitri (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	679
<i>propinquus</i> Eichhoff, <i>Xyleborus</i> (=pubescens)	767	<i>pseudococcotrypes</i> Eggers, (<i>Xyleborus</i>),	
propinquus Nunberg, <i>Diamerus</i>	197	<i>Theoborus</i> (=theobromae)	661
proprium Wood, <i>Monarthrum</i>	1061	pseudocolossus (Schedl), (<i>Xyleborus</i>),	
propugnatus Blandford, <i>Amphicranus</i>	1045	<i>Ambrosiodmus</i>	679
<i>prosorovi</i> Kurenzov & Kononov, <i>Dendroctonus</i>		pseudocomans (Eggers), (<i>Xyleborus</i>),	
(=armandi)	138	<i>Hadrodemius</i>	819
<i>prosper</i> Schedl, (<i>Stephanoderes</i>), <i>Hypothenemus</i>		<i>Pseudocorthylus</i> Ferrari (=Corthylus)	1069
(=javanus)	933	<i>Pseudocosmoderes</i> Nobuchi (=Cosmoderes)	900
<i>prostratus</i> Peyerimhoff, <i>Phloeosinus</i> (=thujae)	258	pseudocostellatus Schedl, <i>Scolytus</i>	357
protensus (Eggers), (<i>Xyleborus</i>), <i>Cnestus</i>	803	pseudocristatus (Pfeffer), (<i>Phloeophthorus</i>),	
protii Browne, <i>Xyleborus</i>	766	<i>Phloeotribus</i>	227
protinus (Wood), (<i>Xyleborus</i>), <i>Xyleborinus</i>	810	* pseudocrucifer (Schedl), (<i>Xyleborus</i>),	
protivorus Wood, <i>Cnemidophorus</i>	317	<i>Cyclorhipidion</i>	702
<i>Protopityophthorus</i> Schedl (=Dendrographus)	561	<i>Pseudocryphalus</i> Ferrari (=Cryphalus)	872
<i>Prowebbia</i> Browne (=Webbia)	829	<i>Pseudocryphalus</i> Swaine (=Chaetophloeus)	271
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proximum Wood, <i>Monarthrum</i>	1061	pseudocylindricus Eggers, <i>Xyleborus</i>	766
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proximus (Eichhoff), (<i>Tomicus</i>), <i>Orthotomicus</i>	473	pseudoforsteri (Schedl), (<i>Xyleborus</i>),	
proximus Blandford, <i>Polygraphus</i>	296	<i>Cyclorhipidion</i>	702
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pruni Hopkins, <i>Hypothenemus</i> (=eruditus)	922	(=vittatus)	204
pruni Ratzeburg, (<i>Eccoptogaster</i>), <i>Scolytus</i> (=mali)	342	<i>Pseudophloeotribus</i> Eggers (=Hylesinopsis)	92
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pruni Wood, <i>Phloeotribus</i>	227	pseudopilifer Schedl, <i>Xyleborus</i>	766
<i>Pruniphagus</i> Murayama (=Xylechinus)	114	pseudopityogenes (Eggers), (<i>Xyleborus</i>),	
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<i>pseudosulcatum</i> Schedl, (<i>Pterocyclon</i>), <i>Monarthrum</i> (= <i>consimile</i>)	1052	<i>pubifer</i> Schedl, <i>Xyloctonus</i>	840
<i>pseudosuturalis</i> Schedl, <i>Cnestus</i>	803	<i>pubifrons</i> (Guillebeau), (<i>Phloeophthorus</i>), <i>Phlocotribus</i>	227
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<i>pseudothammurgus</i> Eggers (= <i>Tiarophorus</i>)	539	<i>pubipennis</i> (Blandford), (<i>Trypodendron</i>), <i>Indocryphalus</i>	648
<i>Pseudothyasanoes</i> Blackman	411	<i>pubipennis</i> (Eggers), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	939
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<i>pseudotsugae</i> Hopkins, <i>Dendroctonus</i>	168	<i>pubipennis</i> (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	826
<i>pseudotsugae</i> Swaine, <i>Dryocoetes</i> (= <i>autographus</i>)	578	<i>pubens</i> (Blackman), (<i>Pityophthoroides</i>), <i>Pityophthorus</i>	1023
<i>pseudotsugae</i> Swaine, <i>Pityophthorus</i>	1021	<i>pubicus</i> Blackman, <i>Pityophthorus</i>	1023
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<i>Pseudoxyleborus</i> Eggers (= <i>Amasa</i>)	681	<i>puer</i> (Schedl), (<i>Hexacolus</i>), <i>Scolytodes</i>	398
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<i>Pteleobius</i> Bedel	69	<i>pulchellus</i> (Murayama), (<i>Xyloterus</i>), <i>Trypodendron</i>	644
<i>Pterocyclon</i> Eichhoff (= <i>Monarthrum</i>)	1050	<i>pulchellus</i> (Nobuchi), (<i>Taenioglyphes</i>), <i>Cryphalus</i>	890
<i>Pterocyclonoides</i> Schedl (= <i>Tricolus</i>)	1042	<i>pulchellus</i> Blandford, <i>Phloeosinus</i>	251
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<i>ptyocerus</i> Blandford, <i>Corthylus</i>	1077	<i>pulicarius</i> (Zimmermann), (<i>Crypturgus</i>), <i>Pityophthorus</i>	1024
<i>puberulus</i> (Blandford), (<i>Xyleborus</i>), <i>Arixyleborus</i>	668	<i>pulla</i> (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	826
<i>puberulus</i> (Chapuis), (<i>Dryotomus</i>), <i>Phlocotribus</i>	227	<i>pullatus</i> Blackman, <i>Pseudohylesinus</i> (= <i>dispar</i>)	109
<i>puberulus</i> (LeConte), (<i>Cryphalus</i>), <i>Pityophthorus</i>	1021	<i>pullus</i> (Zimmermann), (<i>Crypturgus</i>), <i>Pityophthorus</i>	1024
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<i>puberulus</i> Schedl, <i>Cryphalus</i>	890	<i>pullus</i> Wood, <i>Periocryphalus</i>	948
<i>pubescens</i> (Marshall), (<i>Ips</i>), <i>Pityophthorus</i>	1022	<i>pulvereus</i> Blackman, <i>Pseudopityophthorus</i> (= <i>pruinosis</i>)	975
<i>pubescens</i> (Schedl), (<i>Neodryocoetes</i>), <i>Araptus</i>	961	<i>pulverulentus</i> Eichhoff, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>seriatus</i>)	941
<i>pubescens</i> Blackman, <i>Pseudopityophthorus</i>	975	<i>pulverulentus</i> Gerstaecker, <i>Diamerus</i>	197
<i>pubescens</i> Eggers, <i>Scolytus</i> (= <i>pubescens</i> Stark)	358	<i>pumilio</i> (Eichhoff), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1061
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<i>pubescens</i> Fabricius, (<i>Bostrichus</i>), <i>Polygraphus</i> (= <i>poligraphus</i>)	294	<i>pumilio</i> Eichhoff, <i>Dryocoetes</i>	584
<i>pubescens</i> Hagedorn, <i>Scolytoplatypus</i>	406	<i>pumilionides</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	865
<i>pubescens</i> Hopkins, <i>Cryphalus</i>	890	<i>pumilus</i> (Chapuis), (<i>Rhopalopleurus</i>), <i>Chramesus</i>	268
<i>pubescens</i> Hopkins, <i>Hypothenemus</i>	939	<i>pumilus</i> (Mannerheim), (<i>Hylastes</i>), <i>Dolurgus</i>	615
<i>pubescens</i> Schedl, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>schedli</i>)	940	<i>pumilus</i> (Wood), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	865
<i>pubescens</i> Schedl, <i>Coccotrypes</i>	609	<i>pumilus</i> (Wood), (<i>Cryptulocleptus</i>), <i>Pseudothyasanoes</i>	416
<i>pubescens</i> Schedl, <i>Tragostus</i>	410	<i>pumilus</i> Eggers, (<i>Loganius</i>), <i>Cnemonyx</i> (= <i>exiguus</i>)	315
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<i>pygmaeolus</i> Schedl, <i>Pityophthorus</i>	1025	<i>quadrioculatus</i> (Hagedorn), (<i>Spongotarsus</i>), <i>Polygraphus</i>	296
<i>Pygmaescolytus</i> Butovitsch (= <i>Scolytus</i>)	322	<i>quadrioculatus</i> Browne, <i>Scolytomimus</i> (= <i>assamensis</i>)	839
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<i>pygmaeum</i> Wollaston, <i>Aphanarthrum</i>	619	<i>quadrisingatus</i> Schedl, <i>Xyleborus</i>	768
<i>pygmaeum</i> <i>laticollis</i> Wollaston, <i>Aphanarthrum</i> (= <i>pygmaeum</i>)	619	<i>quadrisingatus</i> Schedl, <i>Pityophthorus</i>	1025
<i>pygmaeus</i> (Eggers), (<i>Pelicerus</i>), <i>Dendrographus</i>	561	<i>quadrisingatus</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	810
<i>pygmaeus</i> (Eggers), (<i>Xyleborus</i>), <i>Xylosandrus</i>	800	<i>quadrisingatus</i> Eggers, <i>Xyleborus</i>	768
<i>pygmaeus</i> (Fabricius), (<i>Bostrichus</i>), <i>Scolytus</i>	358	<i>quadrisingatus</i> (Eggers), (<i>Xylocleptes</i>), <i>Acanthotomicus</i>	483
<i>pygmaeus</i> Eggers, <i>Polygraphus</i> (= <i>coronatus</i>)	286	<i>quadrisingatus</i> (Eichhoff), (<i>Xyleborus</i>), <i>Xyleborinus</i>	810
<i>pygmaeus</i> Eichhoff, <i>Coccotrypes</i> (= <i>carpophagus</i>)	595	<i>quadrisingatus</i> Blackman, <i>Hylocurus</i>	427
<i>pygmaeus</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>eruditus</i>)	923	<i>quadrisingatus</i> Eggers, <i>Sampsonius</i>	656
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<i>pygmaeus</i> Schedl, <i>Lanurgus</i>	409	<i>quadrisingatus</i> Schedl, <i>Premnobius</i>	654
<i>pygmaeus</i> Schedl, <i>Micracis</i> (= <i>swainei</i>)	434	<i>quadrisingatus</i> Strohmeier, <i>Dryocoetes</i>	584
<i>pygmaeus</i> Schedl, <i>Pityophthorus</i> (= <i>opaculus</i>)	1018	<i>quadrisingatus</i> (Schedl), (<i>Isophthorus</i>), <i>Acanthotomicus</i>	483
<i>pygmaeus</i> Wood, <i>Corthylus</i>	1078	<i>quadrisingatus</i> (Schedl), (<i>Metahylesinus</i>), <i>Hylesinopsis</i>	95
<i>pygmaeus</i> Wood, <i>Stegomerus</i>	852	<i>quadrisingatus</i> Sampson, <i>Sphaerotrypes</i>	200
<i>pyri</i> Peck, (<i>Scolytus</i>), <i>Xyleborus</i> (= <i>dispar</i>)	729	<i>quadrisingatus</i> Schedl, (<i>Gnathotrichus</i>), <i>Gnathotripes</i> (= <i>longipennis</i>)	1041
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<i>quadraticolle</i> Eichhoff, <i>Pycnarthrum</i> (= <i>hispidum</i>)	385	<i>quasimodo</i> Browne, <i>Xyleborus</i>	768
<i>quadraticollis</i> (Eggers), (<i>Xyleborus</i>), <i>Euwallacea</i>	693	<i>quatuordecimcostatus</i> Schedl, <i>Webbia</i> (= <i>quatuordecimspinus</i>)	832
<i>quadraticollis</i> Chapuis, <i>Dactylipalpus</i> (= <i>transversus</i>)	102	<i>quatuordecimspinus</i> Sampson, <i>Webbia</i>	832
<i>quadratus</i> Blandford, <i>Xyleborus</i>	767	<i>quatuordecimspinus</i> Schedl, <i>Webbia</i> (= <i>quatuordecimspinus</i> Sampson)	832
<i>quadrinictus</i> Schedl, <i>Webbia</i>	832	<i>queenslandi</i> (Schedl), (<i>Erioschidias</i>), <i>Cosmoderes</i>	902
<i>quadrinictus</i> Schedl, <i>Xyloctonus</i>	841	<i>queenslandi</i> (Schedl), (<i>Poecilips</i>), <i>Coccotrypes</i>	609
<i>quadrinictus</i> (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	826	<i>queenslandi</i> Schedl, <i>Peridryocoetes</i>	562
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<i>quadrinictus</i> (Hartig), (<i>Bostrichus</i>), <i>Pityogenes</i>	455	<i>quercicola</i> Eggers, <i>Xyleborus</i>	768
<i>quadrinictus</i> (Schedl), (<i>Cryphalops</i>), <i>Ernoporus</i>	855	<i>quercicolens</i> Wood, <i>Monarthrum</i>	1061
<i>quadrinictus</i> (Schedl), (<i>Minips</i>), <i>Acanthotomicus</i>	483	<i>quercicolens</i> Wood, <i>Pseudothyanoes</i>	416
<i>quadrinictus</i> Blackman, <i>Camptocerus</i>	320	<i>quercinus</i> (Wood), (<i>Cryptidoleptus</i>), <i>Pseudothyanoes</i>	416
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<i>quadrinictus</i> Wood, <i>Chramesus</i>	268	<i>quercum</i> (Wood), (<i>Amphicranus</i>), <i>Monarthrum</i>	1061
<i>quadrinictus</i> Wood, <i>Scolytomimus</i>	840	<i>quercus</i> Eichhoff, (<i>Xyloterus</i>), <i>Trypodendron</i> (= <i>signatum</i>)	647
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<i>rudis</i> Eggers, (<i>Xyleborus</i>), <i>Euwallacea</i> (= <i>xanthopus</i>)	696	<i>rugicollis</i> (Blandford), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	680
rudis Eggers, <i>Polygraphus</i>	297	rugicollis (Eggers), (<i>Orosiotes</i>), <i>Cyrtogenius</i>	568
<i>rudis</i> Eichhoff, <i>Phloeotribus</i> (= <i>setulosus</i>)	232	rugicollis (Eggers), (<i>Thamniurgides</i>), <i>Coccotrypes</i>	611
rudis Erichson, <i>Phloeoborus</i>	100	rugicollis (Schedl), (<i>Hexacolus</i>), <i>Scolytodes</i>	398
rudis Wood, <i>Dendrocranulus</i>	553	rugicollis (Schedl), (<i>Miniophthorus</i>), <i>Miniocurus</i>	950
<i>rudis likiangensis</i> Tsai & Yin, <i>Polygraphus</i> (= rudis)	297	<i>rugicollis</i> Browne, (<i>Mimidendrulus</i>), <i>Cyrtogenius</i> (= <i>ruginosus</i>)	568
<i>rudis retiventriculus</i> Tsai & Yin, <i>Polygraphus</i> (= rudis)	297	rugicollis Eggers, <i>Dryocoetes</i>	585
rudnei Sokanovskii, <i>Pityogenes</i>	457	<i>rugicollis</i> Schedl, <i>Hyledius</i> (=sp.?)	259
<i>rufescens</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>obscurus</i>)	937	<i>rugicollis</i> Swaine, <i>Pityophthorus</i> (= <i>tuberculatus</i>)	1032
<i>rufescens</i> Stephens, (<i>Hylurgus</i>), <i>Hylurgops</i> (= <i>palliatius</i>)	38	rugifer (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	940
<i>ruficauda</i> Eggers, <i>Scolytotplatypus</i> (= <i>parvus</i>)	405	<i>rugifer</i> Schedl, (<i>Pachynoderes</i>), <i>Hypothenemus</i> (= <i>ruginosus</i>)	940
ruficeps Perkins, <i>Hypothenemus</i>	940	ruginosus Wood, <i>Cyrtogenius</i>	568
ruficollis (Fabricius), (<i>Bostrichus</i>), <i>Tricolus</i>	1045	ruginosus Wood, <i>Hypothenemus</i>	940
ruficollis Hopkins, <i>Cryphalus</i>	891	rugipennis (Mannerheim), (<i>Hylastes</i>), <i>Hylurgops</i>	40
ruficollis Wood, <i>Stenochlytus</i>	419	rugipennis (Schedl), (<i>Carpophloeus</i>), <i>Cyrtogenius</i>	568
<i>ruficollis coloradensis</i> Wood, <i>Cryphalus</i> (= ruficollis)	892	<i>rugipennis</i> Eggers, <i>Phloeoborus</i> (= rudis)	100
rufipennis (Kirby), (<i>Apate</i>), <i>Polygraphus</i>	297	<i>rugipennis</i> Schedl, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>artestriatus</i>)	805
<i>rufipennis</i> Brancsik, <i>Scolytus</i> (= <i>amygdali</i>)	323	<i>rugipennis pinifex</i> (Fitch), (<i>Hylastes</i>), <i>Hylurgops</i> (= rugipennis)	40
rufipennis Kirby, <i>Dendroctonus</i>	173	<i>rugipennis rugipennis</i> (Mannerheim), <i>Hylurgops</i> (= rugipennis)	40
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<i>rufipes</i> Eichhoff, (<i>Anchonocerus</i>), <i>Monarthrum</i> (= <i>ingens</i>)	1057	rugosipes Hopkins, <i>Arixyleborus</i>	668
rufitarsis (Kirby), (<i>Apate</i>), <i>Trypodendron</i>	645	rugosipes Schedl, <i>Lanurgus</i>	409
<i>rufithorax</i> Eichhoff, (<i>Xyleborus</i>), <i>Dryocoetoides</i> (= <i>capucinus</i>)	657	* rugosissimus Cockerell, <i>Cryphalites</i>	1082
<i>rufithorax nigricollis</i> Hagedorn, (<i>Xyleborus</i>), <i>Dryocoetoides</i> (= <i>granulicauda</i>)	657	rugosus (Schedl), (<i>Eriocryphalus</i>), <i>Cryphalus</i>	892
rufithorax Wood, <i>Tricolus</i>	1045	<i>rugosus</i> Eggers, <i>Xyleborus</i> (= <i>alluaudi</i>)	710
rufobrunneus Eggers, <i>Xyleborus</i>	769	rugosus Schedl, <i>Ptilopodius</i>	900
<i>rufobrunneus dihingensis</i> Eggers, <i>Xyleborus</i> (= rufobrunneus)	769	<i>rugosus</i> Swaine, <i>Phloeosinus</i> (= <i>serratus</i>)	254
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rufopalliatius Eichhoff, <i>Araptus</i>	961	rugulosus (Muller), (<i>Bostrichus</i>), <i>Scolytus</i>	364
<i>rufopalliatius</i> Hopkins, <i>Hypothenemus</i> (= <i>columbi</i>)	913	rugulosus (Schedl), (<i>Mimidendrulus</i>), <i>Xylocleptes</i>	550
rufopalliatius Schedl, <i>Sphaerotrypes</i>	201	<i>rugulosus</i> Eggers, <i>Dryocoetes</i> (= <i>ussuriensis</i>)	586
<i>rufopiceus</i> Eggers, <i>Xyleborus</i> (= <i>ferrugineus</i>)	739	<i>rugulosus</i> Eggers, (<i>Poecilips</i>), <i>Coccotrypes</i> (= <i>rotundicollis</i>)	610
rufopilosus Eggers, <i>Corthylus</i>	1079	rugulosus Eggers, <i>Phloeotribus</i>	230
rufopilosus Schedl, <i>Cryphalus</i>	892	rugulosus Eggers, <i>Scolytodes</i>	399
<i>rufostriatus</i> Sokanovskii, <i>Scolytus</i> (= <i>jaroschewskii</i>)	336	<i>rugulosus</i> Eggers, <i>Xyleborus</i> (= <i>dispar</i>)	730
rufotestaceus Schedl, <i>Microcorthylus</i>	1067	<i>rugulosus baluchistani</i> Schedl, <i>Scolytus</i> (= rugulosus)	370
rufulus Schedl, <i>Chiloxylon</i>	587	<i>rugulosus intermedius</i> Sokanovskii, <i>Scolytus</i> (= rugulosus)	370
rufus (Eggers), (<i>Spongotarsus</i>), <i>Polygraphus</i>	298	<i>rugulosus samarkandicus</i> Butovitsch, <i>Scolytus</i> (= rugulosus)	370
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<i>rusticus</i> (Wood), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	865	<i>sampsoni</i> Stebbing, <i>Pityophthorus</i> (= <i>deodara</i>)	995
<i>rusticus</i> (Wood), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	680	Sampsonius Eggers	655
<i>rusticus</i> Wood, <i>Dryocoetoides</i>	658	<i>sanctaluciae</i> Hoffmann, <i>Scolytus</i> (= <i>rugulosus</i>)	370
<i>rutschuruensis</i> Eggers, <i>Coccotrypes</i>	611	<i>sandakanensis</i> (Schedl), (<i>Cryphalus</i>), <i>Hypocryphalus</i>	872
<i>ruenzoriensis</i> (Schedl), (<i>Mimiophthorus</i>), <i>Mimiocurus</i>	950	<i>sandragotoensis</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	680
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<i>rybinskii salicis</i> Stark, <i>Trypophloeus</i> (= <i>rybinskii</i>)	847	<i>sanguinicollis</i> (Blandford), (<i>Xyleborus</i>), <i>Taurodemus</i>	786
<i>saalasi</i> Eggers, <i>Pityogenes</i>	457	<i>sannio</i> (Schaufuss), (<i>Poecilips</i>), <i>Coccotrypes</i>	611
<i>saalasi niger</i> Sokanovskii, <i>Pityogenes</i> (= <i>saalasi</i>)	457	<i>sannohensis</i> Murayama, <i>Phlocosinus</i>	253
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<i>sacchari</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	922	<i>sapporoensis</i> (Niisima), (<i>Cryphalus</i>), <i>Hypothenemus</i>	940
<i>sacchari</i> Hopkins, <i>Xyleborus</i> (= <i>affinis</i>)	709	<i>sapporoensis</i> Eggers, <i>Polygraphus</i> (= <i>poligraphus</i>)	292, 295
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<i>sachalinensis</i> Michalski, <i>Scolytus</i> (= <i>esuriens</i>)	330	<i>sarawakensis</i> Schedl, <i>Cryphalus</i>	893
<i>sachalinensis</i> Sokanovskii, <i>Dryocoetes</i> (= <i>autographus</i>)	578	<i>sarawakensis</i> Schedl, <i>Webbia</i>	832
<i>sachalinensis frontalis</i> Kurenzov, <i>Polygraphus</i> (= <i>sachalinensis</i>)	299	<i>sardus</i> Eggers, <i>Thamnurgus</i>	545
<i>sachtleni</i> Schedl, <i>Xylechinosomus</i>	105	<i>sardus</i> Strohmeier, <i>Dryocoetes</i> (= <i>villosus</i>)	587
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<i>sagittarius</i> Schedl, <i>Eccoptopterus</i>	820	<i>sassaensis</i> (Eggers), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	940
<i>sahlbergi</i> Eggers, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= <i>ratzeburgi</i>)	363	<i>satoi</i> Schedl, <i>Xyleborus</i>	769
<i>sakalava</i> Schedl, <i>Xyleborus</i>	769	<i>saturatum</i> Peyerimhoff, <i>Aphanarthrum</i>	619
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<i>salakensis</i> (Schedl), (<i>Poecilips</i>), <i>Coccotrypes</i>	611	<i>saundersi</i> Wood, <i>Tricolus</i>	1045
<i>salebrosus</i> Eichhoff, <i>Hylastes</i>	61	<i>sauropteroides</i> Schedl, (<i>Xyleborus</i>), <i>Sauroptilius</i> (= <i>sauropterus</i>)	971
<i>Saliciphilus</i> Sokanovskii (= <i>Taphrorhynchus</i>)	556	<i>sauropterus</i> (Schedl), (<i>Xyleborus</i>), <i>Sauroptilius</i>	971
<i>salicis</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>seriatus</i>)	942	<i>Sauroptilius</i> Browne	971
<i>salicis</i> Hopkins, <i>Procryphalus</i> (= <i>utahensis</i>)	848	<i>Saurotocis</i> Wood	419
<i>salicis</i> Hopkins, <i>Trypophloeus</i>	847	<i>sawadai</i> Nobuchi & Takahashi, <i>Cryphalus</i>	893
<i>salicis</i> Stark, <i>Trypophloeus</i> (= <i>rybinskii</i>)	847	<i>saxseni</i> (Ratzeburg), (<i>Bostrichus</i>), <i>Xyleborinus</i>	810
<i>sallaei</i> Blandford, <i>Dendroterus</i>	952	<i>sayi</i> (Hopkins), (<i>Anisandrus</i>), <i>Xyleborus</i>	769
<i>saltoni</i> Blackman, <i>Gnathotrichus</i> (= <i>pilosus</i>)	1037	<i>scaber</i> Erichson, <i>Phloeoborus</i>	100
<i>saltuarius</i> Weise, <i>Cryphalus</i>	892	<i>scaber</i> Marsham, (<i>Ips</i>), <i>Hylesinus</i> (= <i>toranio</i>)	85
<i>salvini</i> (Blandford), (<i>Xyleborus</i>), <i>Taurodemus</i>	785	<i>scaber</i> Schedl, <i>Xyleborus</i>	770
<i>samarkandicus</i> Butovitch, <i>Scolytus</i> (= <i>rugulosus</i>)	370	<i>scaber</i> Swaine, <i>Hylastes</i> (= <i>porculus</i>)	61
<i>sambesianus</i> Eggers, <i>Hypothenemus</i>	940	<i>scabiosus</i> Blandford, <i>Xylechinus</i>	118
<i>sambuci</i> Blackman, <i>Pityophthorus</i>	1026	<i>scabratus</i> Blandford, <i>Phloeotribus</i>	230
<i>samoanus</i> (Browne), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	865	<i>scabratus</i> Schedl, <i>Xyleborus</i>	770
<i>samoanus</i> (Eggers), (<i>Dryocoetes</i>), <i>Cyrtogenius</i>	568	<i>scabricollis</i> (Hopkins), (<i>Phloeophthorus</i>), <i>Phloeotribus</i>	230
<i>samoanus</i> Schedl, (<i>Hylesinus</i>), <i>Ficicis</i> (= <i>despectus</i>)	91	<i>scabricollis</i> (LeConte), (<i>Xyloterus</i>), <i>Trypodendron</i>	645
<i>samoanus</i> Schedl, <i>Eidophelus</i>	867	<i>scabricollis</i> (Schedl), (<i>Ozopemon</i>), <i>Xyleborus</i>	770
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- scopulorum* *scopulorum* Swaine, *Phloeosinus*
(=*scopulorum*) 253
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<i>scriptor</i> Blackman, <i>Pityophthorus</i>	1027	<i>semipallens</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1062
<i>scrobiceps</i> (Eichhoff), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1062	<i>semipilosus</i> Eggers, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>collarti</i>)	806
<i>scrofa</i> (Schedl), (<i>Cladoctoporus</i>), <i>Triotennus</i>	541	<i>semipolitus</i> Schedl, <i>Xyleborus</i>	771
<i>scrutator</i> (Pandelle), (<i>Thamnurgus</i>), <i>Tiarophorus</i>	540	<i>semipunctatus</i> Eggers, <i>Xyleborus</i>	771
<i>sculptilis</i> (Schedl), (<i>Poecilips</i>), <i>Coccotrypes</i>	611	<i>semipunctatus</i> Wood, <i>Scolytodes</i>	399
<i>sculptilis</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	816	<i>semirostris</i> Hopping, <i>Ips</i> (= <i>tridens engelmanni</i>)	528
<i>sculpturatus</i> (Blandford), (<i>Bothrosternus</i>), <i>Sternobothrus</i>	216	<i>semirudis</i> Blandford, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>xanthopus</i>)	696
<i>sculpturatus</i> Eichhoff, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>rotundicollis</i>)	940	<i>semirufus</i> Reitter, <i>Thamnurgus</i>	545
<i>scutellare</i> (LeConte), (<i>Corthylus</i>), <i>Monarthrum</i>	1062	<i>semirufus</i> Schedl, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>obliquecaudata</i>)	677
<i>scutiae</i> (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	940	<i>semistriatus</i> Schedl, <i>Xyleborus</i>	771
<i>scutulatus</i> (Blandford), (<i>Hylesinus</i>), <i>Neopteleobius</i>	72	<i>semitruncatus</i> Schedl, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>cyliodrotomicus</i>)	793
<i>sechelti</i> Swaine, <i>Dryocoetes</i>	585	<i>senchalensis</i> Beeson, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>andamanensis</i>)	686
<i>sechii</i> Nunberg, <i>Dendrocraniulus</i>	553	<i>senecionis</i> Schedl, <i>Thamnurgus</i>	545
<i>secundus</i> Blackman, <i>Pityoborus</i>	968	<i>senegambiensis</i> (Schedl), (<i>Hapalogenius</i>), <i>Hylesinopsis</i>	95
<i>securigerus</i> (Blackman), (<i>Chalcohyus</i>), <i>Pseudothyanoes</i>	417	<i>senex</i> Schedl, <i>Tricholus</i>	1045
<i>securus</i> (Schedl), (<i>Erieryphalus</i>), <i>Cryphalus</i>	894	<i>senex</i> Wichmann, <i>Pityophthorus</i> (= <i>buyssoni</i>)	985
<i>securus</i> Wood, <i>Chramesus</i>	268	<i>sensarmai</i> Maiti & Saha, <i>Hyorrhynchus</i>	192
<i>securus</i> Wood, <i>Dendrocraniulus</i>	553	<i>senticosus</i> Wood, <i>Corthylus</i>	1079
<i>securus</i> Wood, <i>Pseudothyanoes</i>	417	<i>sentosus</i> (Eichhoff), (<i>Xyleborus</i>), <i>Xyleborinus</i>	816
<i>secus</i> Wood, <i>Chramesus</i>	268	<i>sentosus</i> Wood, <i>Corthylus</i>	1079
<i>secus</i> Wood, <i>Hylocurus</i>	428	<i>sentus</i> Wood, (<i>Hoplitophthorus</i>), <i>Cladoctonus</i> (= <i>interruptus</i>)	239
<i>secutus</i> Wood, <i>Hylesinopsis</i>	95	<i>sentus</i> Wood, <i>Corthylus</i>	1079
<i>sedlaceki</i> (Schedl), (<i>Ozodendron</i>), <i>Cyrtogenius</i>	568	<i>sentus</i> Wood, <i>Micracis</i>	433
<i>sedulus</i> Blackman, <i>Pseudothyanoes</i>	417	<i>seoulensis</i> Choo & Woo, <i>Hypothenemus</i>	940
<i>segnis</i> Blackman, <i>Pityophthorus</i>	1027	<i>separandus</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	866
<i>seirindensis</i> Murayama, <i>Pityogenes</i>	458	<i>separandus</i> Schedl, <i>Xyleborus</i>	771
<i>seiryorensis</i> Murayama, <i>Xyleborus</i>	770	<i>separatus</i> Bright, <i>Pityophthorus</i>	1028
<i>seiryuensis</i> Murayama, <i>Pityophthorus</i>	1028	<i>sepicola</i> Lovendal, <i>Lymantor</i> (= <i>coryli</i>)	556
<i>sejugatus</i> Schedl, (<i>Xyleborus</i>), <i>Leptoxyleborus</i> (= <i>depressus</i>)	660	<i>septentrionali</i> Eggers, <i>Hylastes</i> (= <i>plumbeus</i>)	60
<i>sejugatus</i> Schedl, <i>Cryphalus</i>	894	<i>septentrionalis</i> Niisima, <i>Xyleborus</i>	771
<i>semeni</i> (Kurenzov), (<i>Eocryphalus</i>), <i>Ernoporicus</i>	851	<i>septentrionis</i> Mannerheim, (<i>Bostrichus</i>), <i>Dryocoetes</i> (= <i>autographus</i>)	577
<i>semeni</i> (Spessivtsev), (<i>Eccoptogaster</i>), <i>Scolytus</i>	376	<i>sequoiae</i> Hopkins, <i>Phloeosinus</i>	253
<i>semibrunneus</i> (Eggers), (<i>Chramesus</i>), <i>Pseudochramesus</i>	262	<i>sereimus</i> Eggers, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>xanthopus</i>)	696
<i>semicarinatus</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	680	<i>serenus</i> Wood, <i>Scolytodes</i>	399
<i>semicastaneus</i> Mannerheim, (<i>Bostrichus</i>), <i>Dryocoetes</i> (= <i>autographus</i>)	578	<i>seriata</i> (Browne), (<i>Pseudowebbia</i>), <i>Webbia</i>	832
<i>semicircularis</i> Schedl, <i>Xyleborus</i> (= <i>emarginatus</i>)	733	<i>seriatus</i> (Eggers), (<i>Pseudophloeotribus</i>), <i>Hylesinopsis</i>	95
<i>semicostatus</i> (Schedl), (<i>Xyleborus</i>), <i>Dryocoetoides</i>	658	<i>seriatus</i> (Eichhoff), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	940
<i>semi</i> ermis (Nunberg), (<i>Pityophthorus</i>), <i>Gnatholeptus</i>	970	<i>seriatus</i> Blandford, <i>Phloeosinus</i>	254
<i>semi</i> ermis Schedl, <i>Xyleborus</i>	771	<i>seriatus</i> Blandford, <i>Xyleborus</i>	771
<i>semigranostus</i> Blandford, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>crassiusculus</i>)	792	<i>seriatus</i> Eggers, <i>Campocerus</i>	320
<i>semigranulatus</i> (Schedl), (<i>Dryocoetes</i>), <i>Dryocoetiops</i>	588	<i>seriatus</i> Eggers, <i>Cryptocarenum</i>	904
<i>semigranulatus</i> (Schedl), (<i>Xyleborus</i>), <i>Leptoxyleborus</i>	660	<i>seriatus</i> LeConte, (<i>Pityophthorus</i>), <i>Pityoborus</i> (= <i>comatus</i>)	968
<i>seminitens</i> (Blandford), (<i>Xyleborus</i>), <i>Arixyleborus</i>	669	<i>seriatus</i> Reitter, <i>Polygraphus</i>	299
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- sericeus** (Schedl), (*Erioschidias*), *Cosmoderes* 902
- sericeus** Chapuis, *Phloeoborus* (= **scaber**) 100
- sericeus** Marsham, *Pteleobius* (= **vittatus**) 72
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- serratus** Panzer, (*Bostrichus*), *Ernoporius* (= **fagi**) 851
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- serratus** Swaine, *Xyleborus* (= **obesus**) 756
- serratus** Wood, *Corthylus* 1079
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<i>sichotensis</i> Kurenzov, <i>Pityophthorus</i>	1028	<i>similis</i> Eggers, <i>Xyleborus</i> (= <i>rufobrunneus</i>)	769
<i>sichus</i> Schedl, <i>Xyleborus</i>	772	<i>similis</i> Eichhoff, <i>Pityophthorus</i>	1028
<i>sicula</i> DelGuercio, (<i>Comesiella</i>), <i>Phloeotribus</i> (= <i>pubifrons</i>)	228	<i>similis</i> Ferrari, <i>Xyleborus</i>	772
<i>siculus</i> Eggers, <i>Scolytus</i> (= <i>koenigi</i>)	338	<i>similis</i> Hagedorn, <i>Dactylipalpus</i> (= <i>grouvellei</i>)	102
<i>siculus</i> Eggers, <i>Taphrorhynchus</i> (= <i>bicolor</i>)	558	<i>similis</i> Hopkins, <i>Hypothenemus</i> (= <i>sparsus</i>)	945
<i>siculus</i> Eggers, <i>Thammarugus</i>	546	<i>similis</i> LeConte, <i>Dendroctonus</i> (= <i>rufipennis</i>)	177
<i>siculus</i> Ferrari, <i>Hypoborus</i> (= <i>ficus</i>)	281	<i>similis</i> Nunberg, <i>Cladotomus</i>	239
<i>sidanus</i> (Schedl), (<i>Dryocoetes</i>), <i>Xylocleptes</i>	550	<i>similis</i> Schedl, <i>Gnathotrupes</i>	1042
<i>sidneyanus</i> (Nordlinger), (<i>Bostrichus</i>), <i>Cryphalus</i>	894	<i>similis</i> Wood, <i>Micracisella</i>	431
<i>sierraeonensis</i> Eggers, (<i>Poecilips</i>), <i>Coccotrypes</i> (= <i>confusus</i>)	597	<i>simillimus</i> Perkins, <i>Xyleborus</i>	774
<i>sierrensis</i> Bright, <i>Pityophthorus</i>	1028	<i>simillimus</i> Schedl, <i>Corthylus</i>	1079
<i>siginis</i> Hagedorn, <i>Euwallacea</i> (= <i>xanthopus</i>)	696	<i>simmeli</i> Eggers, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= <i>intricatus</i>)	334
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<i>signatifrons</i> Browne, <i>Pityophthorus</i>	1028	<i>simplex</i> (Browne), (<i>Cryptoxyleborus</i>), <i>Webbia</i>	833
<i>signatipennis</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	816	<i>simplex</i> (Schedl), (<i>Eriocryphalus</i>), <i>Cryphalus</i>	894
<i>signatipennis</i> Schedl, <i>Chramesus</i>	269	<i>simplex</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	483
<i>signatum</i> (Fabricius), (<i>Apate</i>), <i>Trypodendron</i>	646	<i>simplex</i> Blandford, <i>Hylocurus</i>	428
<i>signatus</i> Ferrari, (<i>Corthylus</i>), <i>Monarthrum</i> (= <i>bicolor</i>)	1051	<i>simplex</i> LeConte, <i>Carphoborus</i>	309
<i>signatus</i> Schedl, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>funereus</i>)	674	<i>simplex</i> LeConte, <i>Dendroctonus</i>	180
<i>signatus</i> Strohmeier, <i>Phloeoborus</i>	101	<i>simplex</i> Rey, <i>Hylastes</i> (= <i>opacus</i>)	59
<i>signiceps</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	680	<i>simplex</i> Schedl, <i>Hylocurus</i> (= <i>brasilensis</i>)	423
<i>signifer</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	680	<i>simplex</i> Wollaston, <i>Aphanarthrum</i> (= <i>canescens</i>)	617
<i>silvaniae</i> Schedl, <i>Cyrtogenius</i>	568	<i>simplex</i> Wood, <i>Corthylus</i>	1079
<i>silvanus</i> Schedl, <i>Cryphalus</i>	894	<i>simplex</i> Wood, <i>Phloeotribus</i>	233
<i>silvaticus</i> Bright, <i>Scolytus</i> (= <i>hermosus</i>)	331	<i>simplex</i> Wood, <i>Pseudothysanoes</i>	417
<i>silvestris</i> Beeson, <i>Coccotrypes</i> (= <i>longior</i>)	605	<i>simplicidens</i> Wood, <i>Phloeotribus</i>	233
<i>silvestris</i> Beeson, <i>Xyleborus</i> (= <i>volvulus</i>)	783	<i>simplicis</i> Wood, <i>Chramesus</i>	269
<i>similans</i> (Eggers), (<i>Xyleborus</i>), <i>Xyleborinus</i>	816	<i>simplicis</i> Wood, <i>Tricolus</i>	1045
<i>similaris</i> Schedl, (<i>Cryphalomorphus</i>), <i>Scolytogenes</i> (= <i>onyanganus</i>)	864	<i>simulatus</i> Bright, <i>Xyleborus</i>	774
<i>similaris</i> Schedl, <i>Xyleborus</i> (= <i>malgasicus</i>)	750	<i>sindorae</i> Browne, <i>Acanthotomicus</i>	483
<i>simile</i> Eggers, <i>Pycnarthrum</i> (= <i>kleinei</i>)	385	<i>sinense</i> (Eggers), (<i>Trypodendron</i>), <i>Indocryphalus</i>	649
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<i>similis</i> (Eggers), (<i>Chortastus</i>), <i>Serrastus</i>	283	<i>sinensis</i> Eggers, <i>Scolytus</i> (= <i>schetyrewi</i>)	370
<i>similis</i> (Eggers), (<i>Dendrurgus</i>), <i>Coccotrypes</i>	612	<i>sinensis</i> Eggers, <i>Xyleborus</i>	774
<i>similis</i> (Eggers), (<i>Loganius</i>), <i>Cnemomyx</i>	317	<i>sinensis</i> Schedl, <i>Phloeosinus</i>	255
<i>similis</i> (Eggers), (<i>Prionosceles</i>), <i>Scolytodes</i>	399	<i>sinensis</i> Tsai & Huang, <i>Scolytoplatypus</i> (= <i>mikado</i>)	404
<i>similis</i> (Eggers), (<i>Stephanoderes</i>), <i>Cryphalus</i>	894	<i>sinensis</i> Wood & Huang, <i>Pseudoxylechinus</i>	114
<i>similis</i> (Eggers), (<i>Xyleborinus</i>), <i>Webbia</i>	832	<i>singalangicus</i> Eggers, <i>Ozopemon</i> (= <i>theklae</i>)	590
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<i>similis</i> Blackman, <i>Pseudohylesinus</i> (= <i>sugae</i>)	114	<i>singularis</i> Wood, <i>Hylocurus</i>	428
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strigilis Wood, *Corthylus* . . . 1080
strigillatus Chapuis, (*Nemophilus*), *Cnesinus*
 (= *strigicollis*) . . . 212
strigipennis Schedl, *Cryphalus* . . . 895
strigipennis Schedl, *Scolytus* . . . 377

<i>strohmeyeri</i> Eggers, <i>Scolytoplatus</i> (= fasciatus)	403	<i>subcostulatus subcostulatus</i> (Mannerheim), <i>Hylurgops</i> (= subcostulatus)	42
<i>strohmeyeri</i> Schedl. (<i>Xyleborus</i>), <i>Ambrosiodinus</i> (= rubricollis)	679	subcrenatus Eggers, <i>Xyleborus</i>	776
strohmeyeri Stebbing, <i>Cryphalus</i>	895	subcristatus Schedl. <i>Pityophthorus</i>	1030
strombiformis (Schedl), (<i>Xyleborus</i>), <i>Eucallacca</i>	693	subcristosus (Blandford), (<i>Xyleborus</i>), <i>Coccotrypes</i>	612
<i>Strombophorini</i> Schedl (= <i>Diamerini</i>)	193	subcristosus (Eggers), (<i>Hexacolus</i>), <i>Scolytodes</i>	399
Strombophorus Hagedorn	202	<i>subcristosus</i> Eggers, <i>Crypturgus</i> (= cinereus)	623
strombosiopsis Schedl, <i>Dendrochilus</i>	438	subcylindricus (Schedl), (<i>Poecilips</i>), <i>Coccotrypes</i>	613
strombosiopsis Schedl, <i>Xyleborus</i>	776	<i>subcylindricus</i> Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= eruditus)	924
<i>Strophionocerus</i> Sampson, <i>Scolytoplatus</i>	401	<i>subcylindricus</i> Schedl, (<i>Cryphalus</i>), <i>Hypocryphalus</i> (= mangiferae)	870
struthanthi Wood, <i>Chaetophloeus</i>	274	subdentatus Browne, <i>Xyleborus</i>	776
<i>stunus</i> Schedl, <i>Xylosandrus</i> (= curtulus)	793	subdentatus Browne, <i>Xyleborus</i>	776
<i>Stylotenus</i> Schedl (= <i>Hypothenemus</i>)	905	<i>subdepressus</i> Eggers, (<i>Dryocoetes</i>), <i>Coccotrypes</i> (= cyperi)	599
Styphlosoma Blandford	950	<i>subdepressus</i> Eggers, <i>Cryphalus</i> (= piceae)	889
<i>Styracopterus</i> Blandford (= <i>Styracoptinus</i>)	281	<i>subdepressus</i> Rey, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= saxseni)	814
Styracoptinus Wood	281	subdepressus Schedl, <i>Coccotrypes</i>	612
styrax (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	945	subdepressus Schedl, <i>Lamurgus</i>	409
suaui (Schedl), (<i>Poecilips</i>), <i>Coccotrypes</i>	612	subdolosus Schedl, <i>Xyleborus</i>	777
suaui Schedl, <i>Xyleborus</i>	776	subductum (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1063
subacuminatus (Eggers), (<i>Poecilips</i>), <i>Coccotrypes</i>	612	subductus Schedl, <i>Xyleborus</i>	777
subacuminatus (Schedl), (<i>Pelicerus</i>), <i>Cyrtogenius</i>	568	<i>subelongatus</i> Hopkins, <i>Hypothenemus</i> (= pubescens)	939
subacuminatus (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	945	<i>subelongatus</i> Motschulsky, (<i>Tomicus</i>), <i>Ips</i> (= cembrae)	499
<i>subadjunctus</i> Schedl, (<i>Xyleborus</i>), <i>Coptoborus</i> (= usagaricus)	664	submarginatus Eggers, <i>Xyleborus</i>	777
<i>subaffinis</i> Eggers, <i>Xyleborus</i> (= affinis)	709	<i>subglabratus</i> Schedl, <i>Hypothenemus</i> (= areccae)	908
<i>subagnatum</i> Schedl, <i>Cyclorhipidion</i> (= subagnatum)	703	subglabrum Israelson, <i>Aphanarthrum</i>	620
subagnatum Wood, <i>Cyclorhipidion</i>	703	subgranosus (Schedl), (<i>Eidophelus</i>), <i>Cyrtogenius</i>	569
<i>subagnatus</i> Eggers, <i>Cyclorhipidion</i> (= subagnatum)	703	subgranosus Schedl, <i>Xyleborus</i>	777
<i>subagnatus</i> Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= javanus)	933	<i>subgranosus affinis</i> Schedl, <i>Cyrtogenius</i> (= subgranosus)	569
<i>subalpinus</i> Eggers, <i>Hylastes</i> (= cunicularius)	51	subgranulatum Wood, <i>Monarthrum</i>	1063
<i>subaplanatus</i> Schedl, (<i>Poecilips</i>), <i>Coccotrypes</i> (= cyperi)	599	subgranulatus (Eggers), (<i>Xyleborus</i>), <i>Xyleborinus</i>	817
subasperulus Eggers, <i>Corthylus</i>	1080	subgranulatus Schedl, <i>Cryphalus</i>	895
subasperulus Eggers, <i>Xyleborus</i>	776	subgranulatus Schedl, <i>Hylocurus</i>	428
subcarinatum Wood, <i>Pycnarthrum</i>	386	subimmunitus (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	484
subcarinatus (Schedl), (<i>Phloeosinus</i>), <i>Hyledius</i>	261	<i>subimpressus</i> Bright, <i>Pityophthorus</i> (= subs similis)	1030
subcarinulatus Eggers, <i>Xyleborus</i>	776	<i>subimpressus</i> Eggers, (<i>Dryocoetes</i>), <i>Coccotrypes</i> (= cyperi)	599
subcompactus Lea, <i>Cryphalus</i>	895	subincisuralis Schedl, <i>Tricolus</i>	1045
<i>subconcentralis</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= eruditus)	923	<i>subitus</i> Schedl, <i>Xyleborus</i> (= ferrugineus)	739
<i>subconcentralis</i> Hopkins, <i>Cryphalus</i> (= pubescens)	890	sublaevis (Eggers), (<i>Webbia</i>), <i>Arixyleborus</i>	669
subconcentralis Schedl, <i>Pityophthorus</i>	1029	<i>sublaevis</i> Eggers, <i>Coccotrypes</i> (= sannio)	611
<i>subconfusus</i> Eggers, <i>Scolytus</i> (= japonicus)	335	sublinearis Eggers, <i>Xyleborus</i>	777
<i>subcoriaceus</i> Eggers, <i>Eucallacca</i> (= piceus)	693	<i>sublongus</i> Eggers, <i>Coccotrypes</i> (= carpophagus)	594
<i>subcostatus</i> Eggers, (<i>Hylesinus</i>), <i>Ficicis</i> (= despectus)	91	sublongus Eggers, <i>Xyleborus</i>	777
subcostatus Eggers, <i>Phloeotribus</i>	234	<i>submarginatus</i> Blandford, <i>Xyleborus</i> (= similis)	773
subcostatus Eggers, <i>Xyloctonus</i>	841	submarginatus Schedl, <i>Scolytus</i>	377
subcostatus Eichhoff, <i>Xyleborus</i>	776	submolestus Schedl, <i>Xyleborus</i>	777
<i>subcostatus dearmatus</i> Eggers, <i>Xyleborus</i> (= subcostatus)	776	<i>submontanus</i> Schedl, <i>Xyleborus</i> (= tenellus)	778
subcostulatus (Mannerheim), (<i>Hylastes</i>), <i>Hylurgops</i>	42	submuricatus Eichhoff, <i>Cryphalus</i>	895
<i>subcostulatus alternans</i> Chapuis, (<i>Hylastes</i>), <i>Hylurgops</i> (= subcostulatus)	42		

subnaevus Schedl, <i>Cryptoxyleborus</i>	529	subsulcatus Eggers, <i>Diamerus</i> (= interstitialis)	196
subnepotulus (Eggers), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	650	subsulcatus Schedl, <i>Coccotrypes</i>	613
subnitida Blackman, <i>Micracisella</i>	431	subsulcatus Schedl, <i>Corthylus</i>	1080
subnitidus Schedl, (<i>Pocillips</i>), <i>Coccotrypes</i> (= adrena)	593	subsulcatus Schedl, <i>Polygraphus</i>	301
subobtusum (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	703	subsulcatus Wood, <i>Thysanoes</i>	421
subopacicollis Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= seriatus)	943	subtectus Browne, <i>Sphaerotrypes</i>	201
subopacus Blackman, <i>Hylastes</i>	62	subtilis Schedl, <i>Xyleborus</i>	777
subopacus Blackman, <i>Pityophthorus</i>	1030	subtriatus Schedl, (<i>Cryphalomorphus</i>), <i>Scolytogenes</i> (= knabi)	863
subopacus Eggers, (<i>Hylesinus</i>), <i>Ficicis</i> (= despectus)	91	subtruncatum (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1063
subopacus Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= obscurus)	936	subtruncatus Schedl, <i>Xyleborus</i>	777
subopacus Schaeffer, <i>Chramesus</i>	269	subtuberculatus Eggers, (<i>Pocillips</i>), <i>Coccotrypes</i> (= rotundicollis)	610
subopacus Schedl, <i>Bothrostermus</i>	215	subtuberculatus Eggers, <i>Chramesus</i>	269
subopacus Schedl, <i>Microcorthylus</i> (= glabratus)	1065	subtuberculatus Eggers, <i>Xyleborus</i>	777
subopacus Thomson, <i>Polygraphus</i>	300	subtuberculatus Schedl, <i>Cryphalus</i>	896
subopacus minor Lindemann, <i>Polygraphus</i> (= subopacus)	301	subuculae (Browne), (<i>Prowcebia</i>), <i>Webbia</i>	833
subovalis Eggers, <i>Coccotrypes</i>	613	subulatum Wood, <i>Styphlosoma</i>	950
subovatus Blandford, <i>Phloeotribus</i>	234	subulatus (Wood), (<i>Cryptocleptes</i>), <i>Pseudothysanoes</i>	418
subparallelus (Eggers), (<i>Xyleborus</i>), <i>Euwallacea</i>	694	subvestitus Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= arecae)	907
subparallelus Eggers, (<i>Hexacolus</i>), <i>Scolytodes</i> (= notatus)	396	subvestitus Schedl, <i>Cryphalus</i>	896
subpilosus (Wood), (<i>Cryptocleptes</i>), <i>Pseudothysanoes</i>	417	subvulgaris (Browne), (<i>Pocillips</i>), <i>Coccotrypes</i>	613
subplanatus Eggers, <i>Xyleborus</i>	777	suecicus Eggers, <i>Dryocoetes</i>	585
subpronum (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1063	<i>Sueinae</i> Murayama (= <i>Hyorrhynchini</i>)	191
subpruinosis Browne, <i>Xyleborus</i>	777	Sueus Murayama	191
subretusus Wollaston, <i>Triotennus</i>	541	suggrandis Schedl, <i>Microcorthylus</i>	1067
subscaber LeConte, <i>Scolytus</i>	377	sulciceps Schedl, <i>Xyleborus</i>	777
subseriatus (Schedl), (<i>Hapalogenius</i>), <i>Rhopalopselion</i>	97	sulcatulus Eggers, <i>Xyleborus</i>	778
subseriatus Eggers, <i>Coccotrypes</i> (= carpophagus)	594	sulcatum (Blandford), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1063
subserriatus Wood, <i>Corthylus</i>	1080	sulcatus (Bruck), (<i>Pseudothysanoes</i>), <i>Stenoclyptus</i>	419
subsimilans Wood, <i>Pityophthorus</i>	1030	sulcatus (Eggers), (<i>Metahylesinus</i>), <i>Hylesinopsis</i>	95
subsimiliformis (Eggers), (<i>Xyleborus</i>), <i>Xylosandrus</i>	800	sulcatus (Eggers), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	680
subsimilis (Eggers), (<i>Xyleborus</i>), <i>Xylosandrus</i>	800	sulcatus (LeConte), (<i>Cryphalus</i>), <i>Gnathotrichus</i>	1038
subsimilis Schedl, (<i>Breviophthorus</i>), <i>Pityophthorus</i> (= subsimilans)	1030	sulcatus (Nunberg), (<i>Neodryocoetes</i>), <i>Araptus</i>	962
subsimilis Schedl, <i>Arixyleborus</i> (= canaliculatus)	665	sulcatus (Schedl), (<i>Eidophelus</i>), <i>Cyrtogenius</i>	569
subsimilis Schedl, <i>Pityophthorus</i>	1030	sulcatus (Wood), (<i>Renocis</i>), <i>Chaetophloeus</i>	274
subspinosis Eggers, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= saxeseni)	815	sulcatus Bright, <i>Pityophthorus</i> (= immanis)	1002
substriatus Schedl, (<i>Eulytocerus</i>), <i>Phloeotribus</i> (= championi)	219	sulcatus Bright, <i>Sampsonius</i>	656
substriatus Schedl, <i>Cryphalus</i>	896	sulcatus Browne, <i>Sphaerotrypes</i>	201
substriatus Strohmeier, <i>Hylastes</i>	62	sulcatus Eggers, <i>Chortastus</i> (= minimus)	312
substrigatus Blackman, <i>Cnesinus</i> (= gracilis)	208	sulcatus Eggers, <i>Cnesinus</i>	212
subsulcatus (Eggers), (<i>Xyleborus</i>), <i>Xyleborinus</i>	818	sulcatus Eggers, <i>Hylurgops</i>	42
subsulcatus (Schedl), (<i>Breviophthorus</i>), <i>Pityophthorus</i>	1030	sulcatus LeConte, <i>Scolytus</i> (= mali)	344
subsulcatus (Schedl), (<i>Eidophelus</i>), <i>Cyrtogenius</i>	569	sulcatus Marsham, (<i>Ips</i>), <i>Hylesinus</i> (= crenatus)	77
subsulcatus Browne, <i>Lanurgus</i>	409	sulcatus Schedl, (<i>Breviophthorus</i>), <i>Araptus</i> (= cribricollis)	955
		sulcatus Schedl, <i>Polygraphus</i>	301
		sulcatus Schedl, <i>Xylechinus</i>	119
		sulcicauda Schedl, <i>Xyleborus</i>	778
		sulcifrons Chapuis, <i>Phloeotribus</i>	234
		sulcifrons Eichhoff, <i>Phloeoborus</i>	101
		sulcifrons Rey, <i>Scolytus</i>	377
		sulcifrons Wood, <i>Ips</i> (= pilifrons)	517

<i>sulcinodis</i> (Schedl), (<i>Hylesinus</i>), <i>Ficicis</i>	92	<i>suturalis</i> Wood, <i>Scolytodes</i>	399
<i>sulcinoides</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	703	<i>suturifer</i> Schedl, <i>Corthylus</i>	1080
<i>sulcipenne</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1063	<i>swainei</i> Blackman, <i>Micracis</i>	433
<i>sulcipenne</i> (Eggers), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	703	<i>swainei</i> Blackman, <i>Pityophthorus</i> (= <i>lautus</i>)	1006
<i>sulcipennis</i> Schedl, (<i>Ozopemon</i>), <i>Coccotrypes</i> (= <i>gedeanus</i>)	603	<i>swainei</i> Bruck, <i>Carphoborus</i> (= <i>simplex</i>)	310
<i>sumatрана</i> (Hagedorn), (<i>Xyleborus</i>), <i>Schedlia</i>	822	<i>swainei</i> Bruck, <i>Phloeosinus</i>	256
<i>sumatranus</i> (Blandford), (<i>Dryocoetes</i>), <i>Ozopemon</i>	590	<i>swainei</i> Drake, (<i>Anisandrus</i>), <i>Xyleborus</i> (= <i>dispar</i>)	730
<i>sumatranus</i> (Eggers), (<i>Phloeosinus</i>), <i>Hyledius</i>	261	<i>swainei</i> Eggers, <i>Hylastes</i> (= <i>porculus</i>)	61
<i>sumatranus</i> (Schedl), (<i>Chiloxylon</i>), <i>Scolytogenes</i>	866	<i>swainei</i> R. Hopping, <i>Ips</i> (= <i>borealis</i>)	493
<i>sumatranus</i> (Schedl), (<i>Dacryphalus</i>), <i>Hypocryphalus</i>	872	<i>swezeyi</i> Beeson, <i>Xyleborus</i>	778
<i>sumatranus</i> Eggers, <i>Coccotrypes</i> (= <i>papuanus</i>)	608	<i>swezeyi</i> Schedl, <i>Cryphalus</i> (= <i>sylvicola</i>)	896
<i>sumatranus</i> Eggers, (<i>Hylesinus</i>), <i>Ficicis</i> (= <i>bakeri</i>)	90	<i>swieteniae</i> (Blackman), (<i>Hexacolus</i>), <i>Scolytodes</i>	399
<i>sumatranus</i> Eggers, (<i>Hylurgulus</i>), <i>Hyledius</i> (= <i>hylurgulus</i>)	260	<i>sylvicola</i> (Perkins), (<i>Hypothenemus</i>), <i>Cryphalus</i>	896
<i>sumatranus</i> Schedl, <i>Eidophelus</i>	867	<i>sylvicola obliquus</i> Schedl, <i>Cryphalus</i> (= <i>sylvicola</i>)	896
<i>sumatranus</i> Schedl, (<i>Erinosinus</i>), <i>Cryphyphthorus</i> (= <i>eggersi</i>)	274	<i>symphoniae</i> Browne, <i>Polygraphus</i> (= <i>majusculus</i>)	290
<i>sumatranus</i> Schedl, <i>Polygraphus</i>	301	<i>syritscheki</i> (Wichmann), (<i>Dendrosinus</i>), <i>Acacasis</i>	194
<i>sumatranus</i> Strohmeier, <i>Acanthotomicus</i>	484	<i>syzygii</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	818
<i>sundaensis</i> Eggers, (<i>Dendrugus</i>), <i>Coccotrypes</i> (= <i>myristicae</i>)	606	<i>syzygii</i> Numberg, <i>Xyleborus</i> (= <i>tenellus</i>)	778
<i>sundaensis</i> Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>fusciollis</i>)	926	<i>szechuanensis</i> Tsai & Li, <i>Cryphalus</i>	896
<i>sundaensis</i> Eggers, <i>Xyleborus</i>	778	<i>szechuanensis tehchangensis</i> Tsai & Li, <i>Cryphalus</i> (= <i>szechuanensis</i>)	896
<i>sundaensis</i> Schedl, <i>Cryphalus</i>	896	<i>szemaoensis</i> Tsai & Yin, <i>Polygraphus</i>	301
<i>sundri</i> Schedl, (<i>Margadillius</i>), <i>Ernocladius</i> (= <i>corpulentus</i>)	857	<i>szentivanyi</i> Schedl, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>colossus</i>)	672
<i>superbulus</i> (Schedl), (<i>Xyleborus</i>), <i>Coptoborus</i>	664	<i>taboensis</i> Schedl, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>rubricollis</i>)	679
<i>superbus</i> (Schedl), (<i>Xyleborus</i>), <i>Coptoborus</i>	664	<i>tabogae</i> (Blackman), (<i>Neodryocoetes</i>), <i>Araptus</i>	962
<i>superbus</i> Schedl, (<i>Xyleborus</i>), <i>Coptoborus</i> (= <i>superbulus</i>)	664	<i>tabulaeformis</i> Tsai & Li, <i>Cryphalus</i>	896
<i>supercilliosus</i> Tsai & Huang, <i>Scolytoplatypus</i>	407	<i>tabulaeformis chien-huangensis</i> Tsai & Li, <i>Cryphalus</i> (= <i>tabulaeformis</i>)	896
<i>surinamensis</i> Schedl, <i>Coccotrypes</i>	613	<i>Tachyderes</i> Blackman (= <i>Cryptocarenum</i>)	902
<i>surinamensis</i> Schedl, <i>Pityophthorus</i>	1030	<i>tachygraphus</i> (Zimmermann), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	680
<i>sus</i> (Schedl), (<i>Xyleborus</i>), <i>Arixyleborus</i>	669	<i>tachygraphus</i> Sahlberg, (<i>Bostrichus</i>), <i>Xyleborus</i> (= <i>dispar</i>)	729
<i>suspectus</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	484	<i>tacubayae</i> Hopkins, <i>Phloeosinus</i>	256
<i>suspectus</i> Bright, <i>Hylastes</i>	62	<i>tadzhikistanicus</i> Stark, <i>Scolytus</i>	378
<i>suspectus</i> Wood, <i>Hypothenemus</i>	946	<i>taedae</i> Hopkins, <i>Conophthorus</i> (= <i>coniperda</i>)	964
<i>suspicious</i> Bright, <i>Pityophthorus</i>	1030	<i>Taeniocerus</i> Blandford (= <i>Scolytoplatypus</i>)	401
<i>sutirifer</i> (Schedl), (<i>Minips</i>), <i>Acanthotomicus</i>	484	<i>Taeniocerini</i> Blandford (= <i>Scolytoplatypodini</i>)	401
<i>suturale</i> Eggers, <i>Trypodendron</i> (= <i>signatum</i>)	648	<i>Taenioglyphes</i> Bedel (= <i>Cryphalus</i>)	872
<i>suturalis</i> (Eggers), (<i>Xyleboricus</i>), <i>Arixyleborus</i>	669	<i>tahitensis</i> (Beeson), (<i>Thammurgides</i>), <i>Coccotrypes</i>	613
<i>suturalis</i> (Eggers), (<i>Xyleborus</i>), <i>Cnestus</i>	803	<i>taichuensis</i> Schedl, <i>Xyleborus</i>	778
<i>suturalis</i> (Fabricius), (<i>Hylesinus</i>), <i>Camptocerus</i>	320	<i>taihokuensis</i> (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	946
<i>suturalis</i> (Gyllenhal), (<i>Bostrichus</i>), <i>Orthotomicus</i>	476	<i>taireiensis</i> Murayama, <i>Carphoborus</i>	310
<i>suturalis</i> (Schedl), (<i>Hapalogenius</i>), <i>Rhopalopselion</i>	97	<i>taitonus</i> Eggers, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>mutilatus</i>)	799
<i>suturalis</i> Browne, <i>Cyrtogenius</i>	569	<i>taiwanensis</i> Browne, <i>Xyleborus</i>	778
<i>suturalis</i> Browne, <i>Webbia</i>	833	<i>taiwanensis</i> Schedl, <i>Polygraphus</i>	301
<i>suturalis</i> Eggers, <i>Bothrostermus</i>	215	<i>taivanus</i> Schedl, <i>Cryphalus</i>	896
<i>suturalis</i> Eggers, <i>Corthylus</i>	1080	<i>takahashii</i> (Browne), (<i>Phloeosinus</i>), <i>Hyledius</i>	261
<i>suturalis</i> Eggers, <i>Phloeotribus</i>	234	<i>takahashii</i> Nobuchi, <i>Ernoporicus</i>	852
<i>suturalis</i> Eggers, <i>Pityophthorus</i>	1030	<i>takeharai</i> Browne, <i>Xyleborus</i>	778
<i>suturalis</i> LeConte, <i>Micracis</i>	433	<i>takinoyensis</i> Murayama, <i>Xyleborus</i>	778
<i>suturalis</i> Redtenbacher, <i>Hylesinus</i> (= <i>toranio</i>)	85	<i>talaureus</i> (Eggers), (<i>Xyleboricus</i>), <i>Arixyleborus</i>	669

- talumalai* (Browne), (*Xyleborus*), *Eucallacea* 694
talyphensis Michalski, *Scolytus* (=ensifer) 330
tamarindi Hopkins, (*Stephanoderes*), *Hypothenemus*
 (=seriatus) 942
tanganyikaensis Schedl, *Xyleborus* (=amanicus) 710
tanganus Eggers, *Coccotrypes* (=dactyliperda) 602
tanganus Hagedorn, *Xyleborus* (=ferrugineus) 739
tanganus Schaufuss, *Sphaerotrypes* 201
tanganyikaensis (Schedl), (*Ips*), *Acanthotomicus* 454
tanganyikaensis Schedl, *Hypoborus* 281
tanibe (Schedl), (*Xyleborus*), *Cyclorhipidion* 703
tantalus Schedl, *Xyleborus* (=obliquus) 756
tantillus Lea, (*Cryphalus*), *Hypothenemus*
 (=eruditus) 921
tanzanicus Browne, *Polygraphus* (=granulatus) 287
tapatapaoanus (Schedl), (*Poecilips*), *Coccotrypes* 613
tapatapaoensis Schedl, (*Xyleborus*), *Eucallacea*
 (=fornicatus) 690
Taphramites Schedl 1082
Taphroborus Nunberg (=Cyrtogenius) 562
Taphrocoetes Pfeffer (=Taphrorychus) 557
Taphrodasus Wood 827
Taphronurgus Reitter 546
Taphropterus Schedl (=Hemicryphalus) 866
Taphrorychina Reitter (=Dryocoetini) 539
Taphrorychini Reitter (=Dryocoetini) 539
Taphrorychinina Reitter (=Dryocoetini) 539
Taphrorychus Eichhoff 556
Taphrostenosis Schedl (=Cyrtogenius) 562
Taphroterus Schedl (=Taphrorychus) 557
taprobanus (Blandford), (*Dryocoetes*),
Coccotrypes 613
taradakensis (Murayama), (*Pseudopoecilips*),
Taphrorychus 560
tarawai Beaver, *Ptilopodius* 900
tardulus Wood, *Corthylus* (=neotardus) 1075
tardulus Wood, *Dendrocraniulus* 553
tardum Wood, *Corthyrcyon* 1068
tardus Schedl, *Corthylus* (=neotardus) 1075
tardus Schedl, *Dendrocraniulus* 553
tardus Wood, *Scolytodes* 399
tarsalis Forster, (*Hylesinus*), *Phloeotribus*
 (=rhododactylus) 229
tarsalis Schedl, *Eccoptopterus* 822
taunayi Eggers, (*Xylechinus*), *Xylechinusomus*
 (=contractus) 105
tauricus Eggers, (*Eccoptogaster*), *Scolytus*
 (=jaroschewskii) 336
Taurodemus Wood 785
taxicola Lezhava, *Scolytus* (=rugulosus) 370
taxicornis Schedl, *Xyleborus* 778
taxodii Blackman, *Phloeosinus* 256
taxodii taxodii Blackman, *Phloeosinus* (=taxodii) 256
taxodii taxodii Wood, *Phloeosinus* (=taxodii) 256
taxodii Wood, *Phloeosinus* (=taxodii) 256
tayuyaensis Schedl, *Dendrocraniulus* 553
techangensis Tsai & Huang, *Hylastes* 62
tecleae (Schedl), (*Xyleborus*), *Cyclorhipidion* 703
tectonae Nunberg, *Xyleborus* (=hagedornianus) 742
tectonac Stehling, (*Cryphalus*), *Hypothenemus*
 (=eruditus) 921
tectus Beeson, *Sphaerotrypes* (=querci) 201
tectus Eggers, *Camptocerus* (=orientalis) 320
tectus Schedl, (*Xyleborus*), *Ambrosiodmus*
 (=declivispinatus) 672
tegalensis Eggers, (*Xyleborus*), *Ambrosiodmus*
 (=lewisi) 676
tehchangensis Tsai & Li, *Cryphalus*
 (=szechuanensis) 896
temetiuius Beeson, *Xyleborus* 778
teminabani Browne, *Xyleborus* 778
tenax Wood, *Pityophthorus* 1030
tenebrosus (Schedl), (*Xyleborus*), *Ambrosiodmus* 681
tenebrosus Sahlberg, *Hylurgops* (=glabratus) 33
tenella (Schedl), (*Xyleborus*), *Coptodryas* 827
tenellus (Schedl), (*Neodryocoetes*), *Araptus* 962
tenellus Schedl, *Xyleborus* 778
tenellus Wood, *Pseudothysanoes* 418
tenerrimus Sahlberg, (*Hylesinus*), *Crypturgus*
 (=cinereus) 623
teninabani Browne, *Xyleborus* 778
tenuigraphum (Schedl), (*Xyleborus*),
Cyclorhipidion 703
tenuipennis Browne, *Xyleborus* (=sulcicauda) 778
tenuipennis Schedl, *Polygraphus* 301
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tenuis (Schedl), (*Carposinus*), *Cyrtogenius* 569
tenuis (Schedl), (*Mimips*), *Acanthotomicus* 454
tenuis (Wood), (*Hexacolus*), *Scolytodes* 399
tenuis Blandford, *Amphicranus* 1049
tenuis Browne, *Scolytomimus* 840
tenuis Eichhoff, *Hylastes* 62
tenuis Hopkins, *Hypothenemus* (=eruditus) 922
tenuis Schedl, (*Xyleborus*), *Coptoborus*
 (=pseudotenuis) 664
tenuis Schedl, *Cryphalus* 897
tenuis Schedl, *Polygraphus* 301
tenuis Swaine, *Pityophthorus* (=murrayanae) 1014
tenuis Wood, *Pseudopityophthorus* 976
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Cyclorhipidion 703
terminaliae Browne, *Cryphalus* 897

<i>terminaliae</i> Browne, <i>Margadillius</i>	899	<i>thitsi</i> Wood, <i>Polygraphus</i>	301
<i>terminaliae</i> Hopkins, <i>Coptoborus</i>	664	<i>thomasi</i> Bright, <i>Pityophthorus</i>	1031
<i>Terminalinus</i> Hopkins (= <i>Cyclorhipidion</i>)	697	<i>thomasi</i> G. Hopping, <i>Ips</i> (= <i>borealis</i>)	493
<i>terminalis</i> Flores & Bright, <i>Conophthorus</i>	965	<i>thomasi</i> Wood, <i>Pseudothysanoes</i>	418
<i>terminatum</i> (Blandford), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1063	<i>thompsoni</i> Schedl, <i>Rhopalopselion</i>	97
<i>terminatus</i> (Eggers), (<i>Xyleborus</i>), <i>Xylosandrus</i>	501	<i>thomsoni</i> Ferrari, (<i>Ernioporus</i>), <i>Ernioporicus</i> (= <i>fagi</i>)	851
<i>ternatensis</i> Eggers, (<i>Dendroergus</i>), <i>Coccotrypes</i> (= <i>advena</i>)	592	<i>thoracicus</i> Chapuis, <i>Scolytus</i>	378
<i>tersus</i> Wood, <i>Phelloterus</i>	971	<i>thoracicus</i> Erichson, <i>Amphicranus</i>	1049
<i>tertius</i> Blackman, <i>Pityoborus</i> (= <i>secundus</i>)	969	<i>thoracicus</i> Hopkins, <i>Hypothenemus</i> (= <i>californicus</i>)	912
<i>tessellatus</i> Blandford, <i>Xylechinus</i>	119	<i>thoracicus</i> Lea, <i>Amasa</i> (= <i>truncatus</i>)	685
<i>testaceus</i> Fabricius, (<i>Bostrichus</i>), <i>Tomicus</i> (= <i>piniperda</i>)	135	<i>thoracicus</i> Panzer, (<i>Bostrichus</i>), <i>Xyleborus</i> (= <i>dispar</i>)	729
<i>testaceus</i> Walker, (<i>Bostrichus</i>), <i>Xyleborus</i> (= <i>perforans</i>)	760	<i>thrinacis</i> Hopkins, <i>Coccotrypes</i> (= <i>carpophagus</i>)	596
<i>testudo</i> (Eggers), (<i>Xyleborus</i>), <i>Xylosandrus</i>	501	<i>thujae</i> (Perris), (<i>Hylesinus</i>), <i>Phloeosinus</i>	256
<i>testudo</i> Eggers, <i>Strombophorus</i>	204	<i>Thylurcos</i> Schedl (= <i>Brachyspartus</i>)	1068
<i>teteforti</i> (Menier), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	946	<i>Thysanoes</i> LeConte	419
<i>tetracanthus</i> Beeson, <i>Coptodryas</i> (= <i>quadricostata</i>)	827	<i>Tiarophorus</i> Schreiner	539
<i>tetradontium</i> Wood, <i>Monarthrum</i>	1063	<i>tibetensis</i> Wood & Huang, <i>Pseudoxylechinus</i>	114
<i>tetricus</i> (Schedl), (<i>Erieryphalus</i>), <i>Cryphalus</i>	897	<i>tibetensis</i> Wood & Yin, <i>Gnatharus</i>	1050
<i>tetricus</i> Wood, <i>Phloeotribus</i>	235	<i>tibialis</i> Wood, <i>Chramesus</i>	269
<i>texanus</i> Blackman, <i>Phloeosinus</i> (= <i>scopulorum</i>)	253	* <i>tiburtinus</i> Claus, <i>Scolytus</i> (= <i>intricatus</i>)	334
<i>texanus</i> Blackman, <i>Thysanoes</i>	421	<i>tigrensis</i> Schedl, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>eruditus</i>)	925
<i>texanus</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>seriatus</i>)	942	<i>tiliae</i> (Niisima), (<i>Kissophagus</i>), <i>Pseudoxylechinus</i>	114
<i>texanus</i> Schaeffer, <i>Phloeotribus</i>	235	<i>tiliae</i> (Panzer), (<i>Apate</i>), <i>Ernioporus</i>	855
<i>texanus</i> Wood, <i>Dendroterus</i>	952	<i>tiliae</i> Semenov, <i>Hylastinus</i>	67
<i>thailandicus</i> (Schedl), (<i>Euptilius</i>), <i>Ernioporus</i>	855	<i>timidulus</i> Wood, <i>Pityophthorus</i>	1031
<i>Thamnophthorus</i> Schedl (= <i>Araptus</i>)	952	<i>timidus</i> Blandford, <i>Pityophthorus</i>	1031
<i>Thamnurgides</i> Hopkins (= <i>Coccotrypes</i>)	591	<i>timidus</i> Schedl, <i>Xyleborus</i>	779
<i>Thamnurgina</i> Nusslin (= <i>Dryocoetini</i>)	539	<i>tinianensis</i> Wood, <i>Liparthrum</i>	279
<i>Thamnurginae</i> Nusslin (= <i>Dryocoetini</i>)	539	<i>tinnitus</i> Schedl, <i>Xyleborus</i>	779
<i>Thamnurgus</i> Eichhoff	541	<i>titubanter</i> Schedl, <i>Xyleborus</i>	779
<i>thamnus</i> Bright, <i>Pityophthorus</i>	1031	<i>toba</i> Wichmann, <i>Scolytopsis</i> (= <i>puncticollis</i>)	321
<i>thatcheri</i> (Wood), (<i>Cryphalus</i>), <i>Trypophloeus</i>	847	<i>todo</i> Kono, <i>Xyleborus</i>	779
<i>thatcheri</i> Bright, <i>Pityophthorus</i> (= <i>pseudotsugae</i>)	1021	<i>togonus</i> (Eggers), (<i>Pseudohylesinus</i>), <i>Hylesinopsis</i>	95
<i>thatcheri</i> Wood, <i>Ips</i> (= <i>pilifrons</i>)	517	<i>togonus</i> Eggers, <i>Pityophthorus</i>	1031
<i>Thaumasimus</i> Reitter (= <i>Chramesus</i>)	262	<i>tolimanus</i> (Eggers), (<i>Xyleborus</i>), <i>Coptoborus</i>	664
<i>theae</i> Eggers, (<i>Xyleborus</i>), <i>Coptodryas</i> (= <i>myristicae</i>)	825	<i>tolimanus</i> (Schedl), (<i>Prionosceles</i>), <i>Scolytodes</i>	400
<i>theae</i> Eggers, <i>Coccotrypes</i>	613	<i>tomentosus</i> (Eggers), (<i>Xyleborus</i>), <i>Hadrodemius</i>	819
<i>theklae</i> Hagedorn, <i>Ozopemon</i>	590	<i>tomentosus</i> Eichhoff, (<i>Pityophthorus</i>), <i>Pseudopityophthorus</i> (= <i>pruinosis</i>)	975
<i>Theoborus</i> Hopkins	660	<i>tomentosus</i> Schedl, <i>Corthylus</i> (= <i>papulans</i>)	1077
<i>theobroma</i> Sampson, <i>Amphicranus</i>	1049	<i>Tomici</i> (= <i>Ipini</i>)	438
<i>theobromae</i> Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>liberiensis</i>)	933	<i>Tomicidae</i> Thomson (= <i>Scolytidae</i>)	28, 103
<i>theobromae</i> Hopkins, <i>Theoborus</i>	661	<i>Tomicidae</i> (= <i>Ipini</i>)	438
<i>theobromae</i> Nunberg, <i>Corthylus</i>	1080	<i>Tomicides</i> Thomson (= <i>Tomicini</i>)	103
<i>theobromae</i> Nunberg, <i>Cryphalus</i>	897	<i>Tomicides</i> (= <i>Ipini</i>)	438
<i>theocallus</i> Bright, <i>Cnesinus</i>	212	<i>Tomicinae</i> Thomson (= <i>Tomicini</i>)	103
<i>therondi</i> Hoffman, <i>Scolytus</i> (= <i>multistriatus</i>)	353	<i>Tomicinae</i> (= <i>Ipini</i>)	438
<i>thetetae</i> Wood, <i>Liparthrum</i>	279	<i>Tomicini</i> Thomson	103
<i>thitsi</i> Beeson, (<i>Spongotarsus</i>), <i>Polygraphus</i> (= <i>thitsi</i> Wood)	301	<i>Tomicini</i> (= <i>Ipini</i>)	438
		<i>tomicoides</i> (Blandford), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1063
		<i>tomicoides</i> (Eggers), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	681
		<i>tomicoides</i> (Schedl), (<i>Micracidendron</i>), <i>Saurotosis</i>	419

Tomicus Latreille	122	trepidus Wood, Araptus	962
tongaensis Schedl, Hypocryphalus	872	tresmariae (Schedl), (Hylocurus), Phloeocleptus	422
tongatapai (Schedl), (Mimiothorus), Mimiothorus	950	treveri Beeson, Coccotrypes (=carpophagus)	596
tonkinensis (Schedl), (Dryocoetes), Dryocoetiops	588	triangi Schedl, Xyleborus	779
tonkinensis (Schedl), (Xyleborus), Euwallacea	694	triangularis (Schedl), (Xyleborus), Cnestus	803
tonsus (Hagedorn), (Dryocoetes), Xyleborus	779	triangularis Schedl, Hypocryphalus	872
tonsus (Schedl), (Cryphalophilus), Scolytogenes	866	triangularis Wood, Cnesinus	212
tonsus Blackman, Pityophthorus (=intextus)	1004	triarmatus Eggers, (Eccoptogaster), Scolytus (=scolytus)	376
tonsus Eggers, Hypothenemus (=seriatus)	943	triarmatus Schedl, Tricolus (=nodifer)	1044
toracalis Endrodi, Trypodendron (=domesticum)	633	Triarmocerus Eichhoff (=Hypothenemus)	905
toralis Wood, Pityophthorus	1031	tribulatus Wood, Micraxis	434
toranio (Danthione), (Byrrhus), Hylesinus	83	tribulatus Wood, Xyleborus	779
tornatilis Wood, Amphicranus	1049	tribuloides Wood, Xyleborinus	818
torneutes Blandford, Amphicranus	1050	tribulosus Wood, Xyleborinus	818
torosus Wood, Hylocurus	428	tricolor (Lea), (Cryphalus), Scolytogenes	866
torquatus Eichhoff, Xyleborus (=volvulus)	781	tricolor (Schedl), (Acrantus), Chaetoptelius (=versicolor)	104
torreyanae Swaine, Pityophthorus (=carmeli)	987	tricolor (Schedl), (Leperisinus), Chaetoptelius	103
torridus Wood, Pityophthorus	1031	Tricolus Blandford	1042
tortuosus (Schedl), (Xyleborus), Ambrosiodmus	681	tridens (Mannerheim), (Bostrichus), Ips	527
torulus Wood, Scolytus	378	tridens (Schedl), (Mimips), Acanthotomicus	484
torus Wood, Micraxis	434	tridens engelmanni Swaine, Ips (=tridens)	528
tosaensis (Murayama), (Ips), Orthotomicus	478	tridens tridens, Ips (=tridens)	527
Tosaxyleborus Murayama (=Cnestus)	801	tridentatum (Schedl), (Cosmocorynus), Monarthrum	1063
toxicodendri Hopkins, (Hypothenemus), Trischidias (=atoma)	947	tridentatus (Schedl), (Mimips), Acanthotomicus	484
Toxophorus Eggers (=Toxophthorus)	1082	tridentatus Eggers, Ips (=robustus)	522
Toxophthorus Wood	1082	tridentatus Hopkins, (Stephanoderes), Hypothenemus (=sparsus)	945
tragardi Spessivtsev, Pityophthorus	1031	trifasciatus Schedl, (Cosmocorynus), Monarthrum (=laterale)	1057
Traglostus Schedl	410	trifolii Muller, (Dermestes), Hylastinus (=obscurus)	66
trahax (Sampson), (Troglogitica), Acacacis	194	trigintispinatus Sampson, Webbia	833
transatlanticus Eggers, (Stephanoderes), Hypothenemus (=plumieriae)	939	Trigonogenius Hagedorn (=Pityophthorus)	976
transbaicalicus Eggers, Hylurgops	42	trimaculatus Schedl, (Problechilus), Gymnochilus (=consocius)	386
transcaspicus Eggers, (Eccoptogaster), Scolytus (=scheryewi)	371	trinidadensis Schedl, Xyleborus (=caraibicus)	717
transcaspicus Semenov, Phloeosinus (=bicolor)	243	trinitatis (Hopkins), (Stephanoderes), Hypothenemus	946
transitus Schedl, Cnesinus	212	triornatus Eichhoff, Scolytus (=multistriatus)	345
transitus Schedl, Xyleborus	779	Triotemnus Wollaston	540
transversalis Blandford, Dendrosinus	237	Trischidias Hopkins	946
transversalis Eggers, Scolytus	378	triseriatus Schedl, (Phloeosinopsis), Phloeosinopsioides	239
transversarius Schedl, Phloeosinus	258	trispinatus Browne, Xyleborus	779
transversum Blandford, Pycnarthrum (=hispidum)	385	trispinatus Schedl, Hylocurus	428
transversus Chapuis, Dactylipalpus	102	trispinosus Eggers, Scolytodes	400
transversus Chapuis, Phloeotribus	235	trispinosus Strohmeier, Scolytus	378
transversus Eichhoff, Corthylus	1080	tristriculus Ferrari, (Dryocoetes), Taphrorychus (=bicolor)	557
trapezicollis (Schedl), (Xyleborus), Euwallacea	694	tristiculus Wood, Xyleborus	779
treculiae Schedl, Pityophthorus	1032	tristis (Eggers), (Xyleborus), Euwallacea	694
tredli (Reitter), (Cryphalus), Hypothenemus	946	tristis (Eichhoff), (Stephanoderes), Hypothenemus	946
tredli Reitter, Trypophloeus (=granulatus)	845	tristis Blandford, Hylesinus (=costatus)	77
tremulae Stark, Trypophloeus	847	tritici Hopkins, Hypothenemus (=californicus)	912
trenchi Stebbing, Polygraphus	301	triton (Schaufuss), Ambrosiodmus	681
trepanatus (Nordlinger), (Bostrichus), Pityogenes	458		
trepanatus Wichmann, (Pteleobius), Neopteleobius (=scutulatus)	72		
trepanicauda (Eggers), (Xyleborus), Webbia	833		
trepidus Bright, Pityophthorus	1032		

<i>trivialis</i> Wood, <i>Hypothenemus</i>	946	<i>tuberculatus</i> (Chapuis), (<i>Rhopalopleurus</i>), <i>Chramesus</i>	270
<i>Trogoditica</i> Sampson (= <i>Acacasis</i>)	193	<i>tuberculatus</i> (Eggers), (<i>Dryotonus</i>), <i>Phlocotribus</i>	235
<i>trolaki</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	681	<i>tuberculatus</i> (Eggers), (<i>Hylurgus</i>), <i>Hylurgonotus</i>	187
<i>tropicalis</i> Wood, <i>Pseudopityophthorus</i> (= <i>pruinosis</i>)	975	<i>tuberculatus</i> (Eggers), (<i>Ips</i>), <i>Acanthotomicus</i>	484
<i>tropicus</i> (Browne), (<i>Trypodendron</i>), <i>Indocryphalus</i>	649	<i>tuberculatus</i> (Eggers), (<i>Xyleboricus</i>), <i>Arxyleborus</i>	669
<i>tropicus</i> (Hagedorn), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	681	<i>tuberculatus</i> (Schedl), (<i>Eidophelus</i>), <i>Cyrtogenius</i>	569
<i>tropicus</i> (Schedl), (<i>Orthotomicus</i>), <i>Acanthotomicus</i>	484	<i>tuberculatus</i> Bright, (<i>Neodryococtes</i>), <i>Araplus</i> (= <i>macer</i>)	959
<i>tropicus</i> Eggers, <i>Polygraphus</i>	301	<i>tuberculatus</i> Bright, <i>Carphoborus</i> (= <i>pinicolens</i>)	308
<i>tropicus</i> Eichhoff, <i>Coccotrypes</i> (= <i>dactyliperda</i>)	601	<i>tuberculatus</i> Eggers, <i>Corthylus</i>	1080
<i>trucis</i> (Wood), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	866	<i>tuberculatus</i> Eggers, <i>Hylurgops</i>	43
<i>trucis</i> Wood, <i>Corthylus</i>	1080	<i>tuberculatus</i> Eggers, <i>Phlocotribus</i> (= <i>demessus</i>)	220
<i>truncatellus</i> (Schedl), (<i>Xyleborus</i>), <i>Dryocoetoides</i>	658	<i>tuberculatus</i> Eggers, <i>Sternobothrus</i>	216
<i>truncatellus</i> Schedl, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>cyliodrotomicus</i>)	793	<i>tuberculatus</i> Eichhoff, <i>Pityophthorus</i>	1032
<i>truncaticauda</i> Browne, <i>Xyleborus</i>	779	<i>tuberculatus</i> Hagedorn, <i>Diamerus</i> (= <i>pimelioides</i>)	197
<i>truncatiferus</i> (Schedl), (<i>Xyleborus</i>), <i>Amasa</i>	685	<i>tuberculatus</i> Motschulsky, (<i>Anodius</i>), <i>Xyleborus</i> (= <i>perforans</i>)	761
<i>truncatiformis</i> (Eggers), (<i>Xyleborus</i>), <i>Amasa</i>	685	<i>tuberculatus</i> Schedl, (<i>Mimips</i>), <i>Acanthotomicus</i> (= <i>tuberculifer</i>)	484
<i>truncatipennis</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	818	<i>tuberculatus</i> Schedl, <i>Cladoctonus</i>	239
<i>truncatorus</i> Schedl, <i>Amphicranus</i>	1050	<i>tuberculatus</i> Schedl, <i>Cryphalus</i>	897
<i>truncatulus</i> Schedl, <i>Xyleborus</i>	779	* <i>tuberculatus</i> Schedl, <i>Hylurgops</i> (= <i>tuberculifer</i>)	43
<i>truncatus</i> (Erichson), (<i>Tomicus</i>), <i>Amasa</i>	685	<i>tuberculatus</i> Strohmeyer, <i>Ozopemon</i>	590
<i>truncatus</i> Bright, <i>Pseudopityophthorus</i> (= <i>declivis</i>)	972	<i>tuberculatus</i> Wollaston, <i>Aphanarthrum</i> (= <i>jubae</i>)	619
<i>truncatus</i> Browne, <i>Scolytotplatypus</i>	407	<i>tuberculatus</i> Wood, <i>Thysanoes</i>	421
<i>truncatus</i> Eichhoff, <i>Bothrosternus</i>	215	<i>tuberculifer</i> (Eggers), (<i>Brachyspartus</i>), <i>Corthylocurus</i>	1069
<i>truncatus</i> Sharp, <i>Xyleborus</i> (= <i>vulcanus</i>)	783	<i>tuberculifer</i> (Eggers), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	703
<i>truncatus</i> Stebbing, (<i>Acanthotomicus</i>), <i>Amasa</i> (= <i>schlichii</i>)	684	* <i>tuberculifer</i> (Schedl), (<i>Phloeosinites</i>), <i>Phloeosinus</i>	258
<i>truncatus</i> Wood, <i>Corthylus</i>	1080	<i>tuberculifer</i> Schedl, <i>Cyrtogenius</i>	569
<i>truncatus</i> Wood, <i>Micracis</i> (= <i>lignator</i>)	433	<i>tuberculifer</i> Wood, <i>Acanthotomicus</i>	484
<i>truncatus</i> Wood, <i>Pseudothysanoes</i>	418	* <i>tuberculifer</i> Wood, <i>Hylurgops</i>	43
<i>trunculus</i> Bright, <i>Pityophthorus</i>	1032	<i>tuberculosissimum</i> (Eggers), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	703
<i>trunculus</i> Wood, <i>Corthylus</i>	1080	<i>tuberculosus</i> (Browne), (<i>Phloeosinus</i>), <i>Hyledius</i>	261
<i>trux</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	681	<i>tuberculosus</i> Browne, <i>Xyleborus</i>	779
<i>trux</i> Schedl, <i>Arxyleborus</i>	669	<i>tuberculosus</i> Hagedorn, <i>Hypothenemus</i> (= <i>eruditus</i>)	921
<i>trypanacoides</i> Wollaston, (<i>Tomicus</i>), <i>Xyleborus</i> (= <i>ferugineus</i>)	737	<i>tuberculosus</i> Herbst, (<i>Bostrichus</i>), <i>Xyleborus</i> (= <i>monographus</i>)	753
<i>trypanoides</i> Beeson, <i>Cryphalus</i>	897	<i>tuberopectus</i> Huang & Yin, <i>Hyorrhynchus</i>	192
<i>Trypanophellos</i> Bright (= <i>Liparthrum</i>)	274	<i>tuberosus</i> (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	946
<i>trypanus</i> Sampson, <i>Cryphalus</i>	897	<i>tuberosus</i> Niisima, <i>Crypturgus</i>	629
<i>Trypocranus</i> Eichhoff (= <i>Monarthrum</i>)	1050	<i>Tubuloscolytus</i> Butovitch (= <i>Scolytus</i>)	321
<i>Trypodendrina</i> Tredl (= <i>Xyloterini</i>)	632	<i>tulcanus</i> Hagedorn, <i>Corthylus</i>	1080
<i>Trypodendrinae</i> Tredl (= <i>Xyloterini</i>)	632	<i>tumidulus</i> Blandford, <i>Chramesus</i> (= <i>pumilus</i>)	268
<i>Trypodendron</i> Stephens	632	<i>tumidulus</i> Wood, <i>Pseudothysanoes</i>	418
<i>Trypographus</i> Schedl (= <i>Hylesinopsis</i>)	92	<i>tumidus</i> (Schedl), (<i>Xyleborus</i>), <i>Euwallacea</i>	694
<i>Trypophloeinae</i> Nusslin (= <i>Cryphalini</i>)	842	<i>tumidus</i> Blackman, <i>Pityophthorus</i>	1032
<i>Trypophloeus</i> Fairmaire	842	<i>tumucensis</i> Hagedorn, <i>Xyleborus</i>	779
<i>tsugae</i> (Swaine), (<i>Eccoptogaster</i>), <i>Scolytus</i>	378	<i>tungamcansolus</i> (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	946
<i>tsugae</i> Swaine, <i>Pseudohylesinus</i>	113	<i>tunggali</i> (Schedl), (<i>Pocillips</i>), <i>Coccotrypes</i>	613
<i>tsugae</i> Swaine, <i>Xyleborinus</i> (= <i>saxeseni</i>)	815		
<i>tsugae</i> Tsai & Yin, <i>Sphaerotrypes</i>	201		
<i>tsukubanus</i> Murayama, <i>Xyleborus</i>	779		
<i>tuberculatum</i> Wollaston, <i>Aphanarthrum</i> (= <i>jubae</i>)	618		
<i>tuberculatus</i> (Browne), (<i>Euptilius</i>), <i>Ernoporus</i>	857		

- tunggali* Schedl, *Xyleborus* 780
- tupolevi* Eggers, (*Lepersinus*), *Hylesinus*
(=*tupolevi*) 85
- tupolevi* Stark, *Hylesinus* 85
- tupolevi* denticulosus Sokanovskii, *Hylesinus*
(=*tupolevi*) 85
- turbiculus* Schedl, *Pityophthorus* 1032
- turbinatum* Schedl, (*Pterocyclon*), *Monarthrum*
(=*fimbriaticorne*) 1056
- turbinatus* Maiti & Saha, *Webbia* 833
- turbineus* (Sampson), (*Xyleborus*),
Cryptoxyleborus 829
- turgidus* (Schedl), (*Xyleborus*), *Ambrosiodmus* 681
- turkestanicus* Semenov, *Phlocosinus* 258
- turnbowi* Wood, *Pseudothysanoes* 418
- turraeanthus* Schedl, *Xyleborus* 780
- tutuilaensis* Schedl, *Hypocryphalus* 872
- tutuilaensis* Beeson, (*Thamnurgides*), *Coccotrypes*
(=*advena*) 592
- tutulus* Bright, *Pityophthorus* 1032
- tycon* Blandford, *Scolytplatypus* 407
- typographus* (Linnaeus), (*Dermestes*), *Ips* 528
- typographus japonicus* Niisima, *Ips*
(=*typographus*) 538
- uapouensis* (Beeson), (*Ericryphalus*), *Cryphalus* 897
- uchimappensis* Murayama, *Polygraphus*
(=*japonicus*) 288
- ugandae* Schedl, *Polygraphus* 301
- ugandaensis* Schedl, *Xyleborus* 780
- ugandensis* Nunberg, *Thamnurgus* (= *senecionis*) 546
- ulmi* Redtenbacher, *Scolytus* (= *multistriatus*) 353
- ulmi* Tsai & Yin, *Sphaerotrypes* 202
- umbraticus* (Schedl), (*Neodryocoetes*), *Araptus* 962
- umbratulus* (Schedl), (*Xyleborus*), *Anasa* 685
- umbratum* (Eggers), (*Xyleborus*), *Cyclorhipidion* 703
- umbratus* (Schedl), (*Miniophthorus*), *Mimicurus* 950
- umbratus* Schedl, (*Conophthocranulus*),
Dendroterus (= *mexicanus*) 951
- umbratus* Wood, *Microcorthyus* 1067
- umbrinum* (Blandford), (*Pterocyclon*),
Monarthrum 1063
- uncatus* (Schedl), (*Cryphalophilus*), *Scolytogenes* 866
- uncatus* Schedl, *Xyleborus* 780
- uncinatus* (Eichhoff), (*Xylocleptes*),
Dendrocranulus 553
- uncinatus* Wood, (*Mimips*), *Acanthotomicus*
(=*granulatus*) 481
- unctus* Wood, *Dactylipalpus* (= *niger*) 102
- uncus* (Schedl), (*Ips*), *Acanthotomicus* 484
- undatus* (Schedl), (*Xyleborus*), *Xyleborinus* 818
- undulata* (Sampson), (*Xyleborus*), *Coptodryas* 827
- unicolor* Eichhoff, (*Xyloterus*), *Xyloterinus*
(=*politus*) 650
- unicolor* Hopkins, (*Stephanoderes*), *Hypothenemus*
(=*eruditus*) 923
- unicornis* Nobuchi, *Hyorrhynchus* 192
- unicornis* Wood, *Chramesus* 270
- unicornis* Wood, *Micracis* 434
- unicus* (Schedl), (*Eidophelus*), *Cyrtogenius* 569
- unidentatus* Bright, *Tricholus* 1045
- unidentatus* Fabricius, (*Bostrichus*), *Taurodemus*
(=*varians*) 786
- unifasciatum* (Schedl), (*Cosmocorynus*),
Monarthrum 1063
- uniformis* (Schedl), (*Mimips*), *Acanthotomicus* 484
- uniformis* Endrodi, *Hylesinus* (= *varius*) 86
- uniformis* Schedl, *Xylechinus* 119
- uniformis* Wood & Huang, *Pseudoxylochinus* 114
- unimodus* (Schedl), (*Cryptocleptes*),
Pseudothysanoes 418
- unimodus* Beeson, (*Xyleborus*), *Eucallacca*
(=*bicolor*) 687
- unipunctatus* (Blandford), (*Hexacolus*),
Scolytodes 400
- uniseptis* Schedl, *Corthyus* 1080
- uniseriata* (Eggers), (*Bothryperus*), *Phrixosoma* 190
- uniseriatum* Schedl, *Ctonoxylon* 838
- uniseriatum* Schedl, *Pycnarthrum* 386
- uniseriatus* (Schedl), (*Miniophthorus*),
Mimicurus 950
- uniseriatus* Eggers, (*Stephanoderes*), *Hypothenemus*
(=*crudiae*) 915
- uniseriatus* Eggers, (*Thamnurgides*), *Coccotrypes*
(=*duplopilosus*) 602
- uniseriatus* Eggers, (*Xyleborus*), *Anasa* (= *schlichti*) 684
- uniseriatus* Eggers, *Coccotrypes* 613
- uniseriatus* Eggers, *Dryocoetes* 586
- uniseriatus* Eggers, *Ozopemon* 590
- uniseriatus* Eggers, *Phlocotribus* 235
- uniseriatus* Schedl, *Camptocerus* (= *major*) 319
- unispinosus* LeConte, *Scolytus* 379
- unispinosus* Schevyrew, *Scolytus* (= *jaroschewskii*) 336
- upoluensis* (Schedl), (*Xyleborus*), *Ambrosiodmus* 681
- upoluensis* Schedl, *Cryphalus* 897
- Urdugraphus* Beeson (= *Polygraphus*) 284
- urichi* Sampson, (*Xyleborus*), *Dryocoetoides*
(=*cristatus*) 657
- ursa* (Eggers), (*Xyleborus*), *Xylosandrus* 801
- ursinus* (Hagedorn), (*Xyleborus*), *Xylosandrus* 801
- ursulus* (Eggers), (*Xyleborus*), *Xylosandrus* 801
- ursus* Eggers, (*Xyleborus*), *Hadrodemius* (= *globus*) 819
- ursus* Schedl, *Amphicranus* 1050
- ursus* Sokanovskii, *Dryocoetes* (= *baikalicus*) 579
- ursus fuscus* Eggers, (*Xyleborus*), *Hadrodemius*
(=*globus*) 819
- usagaricus* (Eggers), (*Neocryphalus*), *Scolytogenes* 866
- usagaricus* (Eggers), (*Xyleborus*), *Coptoborus* 664
- usagaricus hembibitai* Schedl, (*Xyleborus*),
Coptoborus (= *usagaricus*) 665
- usagaricus subadjunctus* Schedl, (*Xyleborus*),
Coptoborus (= *usagaricus*) 664
- usambaricum* Eggers, *Ctonoxylon* (= *flavescens*) 837
- usambaricus* Schedl, *Stephanopodius* 853
- usambaricus* Schedl, *Xylocleptes* 550
- usitata* (Schedl), (*Xyleborus*), *Schedlia* 882

<i>ussuriensis</i> Berger & Kholodkovskii, <i>Scolytotypus</i> (= tycon)	407	<i>varians</i> Lea, <i>Ficicis</i>	92
<i>ussuricus</i> Eggers, <i>Cryphalus</i> (= kurenzovi)	552	<i>varians</i> Schedl, <i>Pityophthorus</i> (= nitidus)	1016
<i>ussuriensis</i> Eggers, <i>Dryocoetes</i>	586	<i>varicus</i> Schedl, <i>Arixyleborus</i> (= sus)	669
<i>ussuriensis</i> Kurenzov, <i>Scolytus</i> (= japonicus)	335	<i>variegatus</i> (Blandford), (<i>Hylastes</i>), <i>Pseudohylesinus</i>	114
<i>ussuriensis</i> Reitter, <i>Ips</i>	538	<i>variegatus</i> (Chapuis), (<i>Phloeosinus</i>), <i>Xylechinus</i>	119
<i>ussuricus</i> Schedl, <i>Polygraphus</i> (= proximus)	296	<i>variegatus</i> (Eggers), (<i>Pseudophloeotribus</i>), <i>Hylesinopsis</i>	96
<i>ussuricus</i> <i>rigulosus</i> Eggers, <i>Dryocoetes</i> (= ussuriensis)	586	<i>variegatus</i> Beeson, <i>Diamerus</i> (= variegatus)	198
<i>usticus</i> Wood, <i>Xyleborus</i> (= discretus)	725	<i>variegatus</i> Eggers, <i>Chramesus</i>	270
<i>ustulatus</i> Hagedorn, <i>Xyleborus</i> (= alluaudi)	709	<i>variegatus</i> Eggers, <i>Sphacrotypes</i>	202
<i>ustum</i> Schedl, <i>Corthyccyclon</i>	1065	<i>variegatus</i> Eggers, <i>Strombophorus</i> (= ericus)	203
<i>ustus</i> Schedl, <i>Xyleborus</i>	780	<i>variegatus</i> Schedl, <i>Diamerus</i>	198
<i>usurpatus</i> Wood, <i>Sampsonius</i>	656	<i>variegatus</i> Wood & Huang, <i>Pseudoxylechinus</i>	114
<i>utahensis</i> Hopkins, <i>Procryphalus</i>	848	<i>variipennis</i> (Schedl), (<i>Xyleborus</i>), <i>Cyrtogenius</i>	569
<i>utahensis</i> Swaine, <i>Phloeosinus</i> (= serratus)	254	<i>variolatus</i> Bruck, <i>Phloeosinus</i>	259
<i>utahensis</i> Wood, <i>Ips</i> (= pilifrons)	517	<i>variolosus</i> Perris, <i>Hylastes</i> (= linearis)	56
<i>uter</i> Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= birmanus)	910	<i>variolosus</i> Schedl, <i>Cryphalus</i>	897
<i>uter</i> Schedl, <i>Scolytotypus</i>	407	<i>varipes</i> Eichhoff, <i>Thammurgus</i>	546
<i>nyltenboogaarti</i> Eggers, <i>Dactylotrypes</i> (= longicollis)	554	<i>varius</i> (Fabricius), (<i>Bostrichus</i>), <i>Hylesinus</i>	85
<i>vachelliae</i> Blackman, <i>Thysanoes</i> (= texanus)	421	<i>varius</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	866
<i>vafer</i> (Schedl), (<i>Gnathotrichus</i>), <i>Gnathotrupes</i>	1042	<i>varius</i> Schedl, (<i>Problechilus</i>), <i>Gymnochilus</i> (= minor)	387
<i>vafer</i> Blandford, <i>Hypothenemus</i> (= areccae)	907	<i>varius</i> Wood, <i>Chramesus</i>	270
<i>vafra</i> (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	827	<i>varius</i> Wood, <i>Scolytodes</i>	400
<i>vagabundus</i> (Schedl), (<i>Cosmocorynus</i>), <i>Amphicranus</i>	1050	<i>varshalovitchi</i> Michalski, <i>Scolytus</i>	380
<i>vagabundus</i> (Wood), (<i>Loganius</i>), <i>Cnemidophorus</i>	318	<i>varulus</i> (Wood), (<i>Xyleborus</i>), <i>Taurodemus</i>	787
<i>vagabundus</i> Blandford, <i>Hylocurus</i>	428	<i>vaspatorius</i> Hagedorn, <i>Ambrosiodmus</i> (= desectus)	672
<i>vagabundus</i> Schedl, <i>Xyleborus</i> (= volvulus)	783	<i>vastans</i> Chapuis, <i>Hylastes</i> (= gracilis)	54
<i>vagans</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	704	<i>vastus</i> Wood, <i>Chramesus</i>	270
<i>vagens</i> Eggers, (<i>Phloeosinus</i>), <i>Hyledius</i> (= nitidicollis)	260	<i>vastus</i> Wood, <i>Eupagiocerus</i>	214
<i>vagens</i> Schedl, <i>Strombophorus</i>	204	<i>vateriae</i> (Beeson), (<i>Thammurgides</i>), <i>Coccotrypes</i>	614
<i>valdivianus</i> (Eggers), (<i>Xylechinus</i>), <i>Xylechinossinus</i>	105	<i>vaticae</i> (Nunberg), (<i>Taphroborus</i>), <i>Cyrtogenius</i>	569
<i>valens</i> LeConte, <i>Dendroctonus</i>	183	<i>vegrandis</i> Bright, <i>Pityophthorus</i>	1032
<i>valens</i> Sampson, <i>Hypothenemus</i> (= birmanus)	910	<i>velatus</i> (Sampson), (<i>Xyleborus</i>), <i>Euwallacea</i>	694
<i>validicornis</i> Schedl, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= artelineatus)	805	<i>velatus</i> Schedl, <i>Gnathotrupes</i>	1042
<i>validus</i> (Eichhoff), (<i>Xyleborus</i>), <i>Euwallacea</i>	694	<i>velutinus</i> (Wood), (<i>Paracorthylus</i>), <i>Metacorthylus</i>	1065
<i>validus</i> Blandford, <i>Hypothenemus</i> (= erectus)	918	<i>velutinus</i> Wood, <i>Dryocoetoides</i>	659
<i>validus</i> <i>valens</i> Sampson, <i>Hypothenemus</i> (= birmanus)	910	<i>velutinus</i> Wood, <i>Pityoborus</i>	969
<i>vallatus</i> Wood, <i>Pseudothysanoes</i>	418	<i>venezuelensis</i> (Schedl), (<i>Phloeophthorus</i>), <i>Phloeotribus</i>	235
<i>vallidum</i> (Ferrari), (<i>Corthylus</i>), <i>Monarthrum</i>	1063	<i>venezuelensis</i> Schedl, <i>Pityophthorus</i>	1033
<i>vancouveri</i> Swaine, <i>Ips</i> (= montanus)	513	<i>ventralis</i> LeConte, <i>Scolytus</i>	380
<i>vandykei</i> Bruck, <i>Carphoborus</i>	310	<i>ventralis</i> Sharp, <i>Pachycotes</i> (= peregrinus)	187
<i>vandykei</i> Swaine, <i>Phloeosinus</i>	258	<i>ventrosus</i> Schevyrew, <i>Scolytus</i>	382
<i>vanrynae</i> Browne, <i>Xyleborus</i>	780	<i>venturina</i> Hopkins, (<i>Xylocleptes</i>), <i>Dendrocranus</i> (= cucurbitae)	551
<i>variabilis</i> (Beeson), (<i>Thammurgides</i>), <i>Coccotrypes</i>	614	<i>venustus</i> Schedl, <i>Xyleborus</i>	780
<i>variabilis</i> (Browne), (<i>Mimips</i>), <i>Acanthotomicus</i>	484	<i>venustus</i> Wood, <i>Scolytodes</i>	400
<i>variabilis</i> Schedl, <i>Xyleborus</i> (= caraibicus)	717	<i>venustus</i> Blackman, <i>Pityophthorus</i>	1033
<i>variabilis</i> Sokanovskii, <i>Scolytus</i> (= scolytus)	371	<i>venustus</i> Schedl, (<i>Thylurcos</i>), <i>Corthylus</i>	1081
<i>variabilis</i> Wood, <i>Chramesus</i>	270	<i>venustus</i> Schedl, <i>Ptilopodius</i>	900
<i>varians</i> (Fabricius), (<i>Bostrichus</i>), <i>Taurodemus</i>	786	<i>venustus</i> Wood, <i>Scolytodes</i>	400
		<i>verax</i> Schedl, (<i>Xyleborus</i>), <i>Amasa</i> (= schlichii)	684
		<i>verdicus</i> Wood, <i>Pseudothysanoes</i>	418
		<i>vernaculum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1064

- vernaculus** (Schedl), (*Brachyspartus*),
Corthylocurus 1069
- vernaculus** Schedl, *Xyleborus* 780
- verrucifrons** Tsai & Yin, *Polygraphus* 301
- verrucosus** Wood, *Dryocoetoides* 659
- verrucosus** Wood, *Hylocurus* 428
- versicolor** (Sampson), (*Xyleborus*), *Amasa* 685
- versicolor** Wood, *Chaetoptelius* 104
- verticillus** Wood, *Pseudothyrsanoes* 418
- rescula** Wood, *Micracisella* 431
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- vesculus** Wood, *Phloeotribus* 235
- vesculus** Wood, *Pityophthorus* 1033
- vesculus** Wood, *Pseudothyrsanoes* 418
- vesculus** Wood, *Scolytodes* 400
- vescus** Wood, *Microcorthyus* 1067
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- vestitus** (Eggers), (*Problechilus*), *Scolytodes* 400
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- vicinus Comolli, (*Hylesinus*), *Kissophagus*
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